

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0010_01_s_2013_23				
Comment Code					
Inspector Comment					
The LMA maintains a copy of the O&M manuals on file at district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0010_01_s_2013_24				
Comment Code					
Inspector Comment					
The LMA has adequate supplies and equipment for flood response.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	25
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0010_01_s_2013_25				
Comment Code					
Inspector Comment					
LMA preparedness and training is adequate for flood response.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

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Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.348637 °	37.348637 °	
				-120.958834 °	-120.958834 °	
DWR ID	19650					
Comment Code						
Inspector Comment						
FS_ID:70636 DS_ID:19650 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. This crossing will be monitored until funding becomes available for rehabilitation. Dense vegetation was found along the LS and WS. No permit was found authorizing this encroachment. The CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP, B. Singh - GEI)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope and landward toe. Recommend removing vegetation along pipe alignment and landward toe to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS), elevation 65.1 feet, USGS Datum. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.00). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.02)]. FS Date: 10/6/2020						

LM Start	0.00	Rating **	M	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70636_92086.jpg



Overview of levee crown looking upstream towards pipe crossing. Pipe is located near gate entrance.

Photo 2 of 3 : UCIP_SP_2022_70636_92088.jpg



LS view: overview of LS, dense vegetation on slope and levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.348637 °	37.348637 °
				-120.958834 °	-120.958834 °
DWR ID	19650				

Photo 3 of 3 : UCIP_SP_2022_70636_92087.jpg



WS view: overview of WS, dense vegetation on slope and levee toe.

LM Start	0.12	Rating **	C	Issue No.	143
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.347444 °	37.347444 °
				-120.960311 °	-120.960311 °
DWR ID	DWR_NA0010_01_s_2020_143				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.34	Rating **	M	Issue No.	3
LM End	0.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.344705 °	37.344705 °
				-120.962176 °	-120.962176 °
DWR ID	19651				
Comment Code					
Inspector Comment					
FS_ID:70637 DS_ID:19651 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. Sediment buildup found on the LS. Recommend maintenance to clear up sediment buildup along pipe invert. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (O. Magana - DWR UCIP, B. Singh - GEI)04/08/2014 Pipe has significant sediment buildup and shows some signs of corrosion at landward toe. Recommend cleaning sediment from inside pipe and check wall integrity. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 18.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.35). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.35)]. FS Date: 10/6/2020					

LM Start	0.34	Rating **	M	Issue No.	3 (cont)
LM End	0.34	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70637_90529.jpg



Overview of levee looking US

Photo 2 of 3 : UCIP_SP_2022_70637_90530.jpg



LS view: Overview of LS from levee crest, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.34	Rating **	M	Issue No.	3 (cont)
LM End	0.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.344705 °	37.344705 °
				-120.962176 °	-120.962176 °
DWR ID	19651				

Photo 3 of 3 : UCIP_SP_2022_70637_90531.jpg



WS view: Overview of WS slope, looking US

LM Start	0.36	Rating **	M	Issue No.	95
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.344312 °	37.344312 °
				-120.962361 °	-120.962361 °
DWR ID	DWR_NA0010_01_f _ 2020_95				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_95_20220308_00006.jpg



Several rodent holes observed in the landside slope. (Fall 2020)

LM Start	0.45	Rating **	M	Issue No.	97
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.343243 °	37.343243 °
				-120.962159 °	-120.962159 °
DWR ID	DWR_NA0010_01_s_2021_97				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_97_20220308_00007.jpg



View of rodent burrows in the waterside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.60	Rating **	M	Issue No.	4	
LM End	0.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.341507 °	37.341507 °	
				-120.961283 °	-120.961283 °	
DWR ID	19583					
Comment Code						
Inspector Comment						
FS_ID:70638 DS_ID:19583 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. Rodent activity found near pipe location. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Recommend removing vegetation pile from waterward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.62). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.62)]. FS Date: 10/6/2020						

LM Start	0.60	Rating **	M	Issue No.	4 (cont)
LM End	0.60	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70638_90537.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70638_90538.jpg



WS view: Flapgate and pipe visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.60	Rating **	M	Issue No.	4 (cont)
LM End	0.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.341507 °	37.341507 °
				-120.961283 °	-120.961283 °
DWR ID	19583				

Photo 3 of 3 : UCIP_SP_2022_70638_90535.jpg



WS view: Flapgate and headwall at WS toe

LM Start	0.85	Rating **	M	Issue No.	6
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.339829 °	37.339829 °
				-120.958621 °	-120.958621 °
DWR ID	19584				

Photo 1 of 3 : UCIP_SP_2022_70639_90541.jpg



Overview of levee crown, looking US

Comment Code					
Inspector Comment					
FS_ID:70639 DS_ID:19584 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Rodent activity found near this stretch of levee. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.88). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.87)]. FS Date: 10/6/2020					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	6 (cont)
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.339829 °	37.339829 °	
			-120.958621 °	-120.958621 °	
DWR ID	19584				

Photo 2 of 3 : UCIP_SP_2022_70639_92306.jpg



WS view: overview of WS looking upstream towards pipe crossing.

LM Start	0.85	Rating **	M	Issue No.	6 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70639_90542.jpg



WS view: Flapgate and pipe visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.93	Rating **	U	Issue No.	7
LM End	0.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.339598 °	37.339598 °
				-120.957202 °	-120.957202 °
DWR ID	19585				
Comment Code					
Inspector Comment					
FS_ID:70640 DS_ID:19585 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Scour visible behind the concrete headwall on the LS toe. Recommend monitoring crossing until funding becomes available to addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Moderate erosion around headwall on landward toe. May or may not be an issue. Need to contact owner to determine status of crossing and to address erosion issue on landward side. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.96). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.95)]. FS Date: 10/6/2020					

LM Start	0.93	Rating **	U	Issue No.	7 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70640_90550.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70640_90552.jpg



LS view: Headwall visible on LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.93	Rating **	U	Issue No.	7 (cont)
LM End	0.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.339598 °	37.339598 °
				-120.957202 °	-120.957202 °
DWR ID	19585				

Photo 3 of 3 : UCIP_SP_2022_70640_90551.jpg



WS view: Flapgate, headwall, and pipe visible on WS toe

LM Start	1.15	Rating **	M	Issue No.	8
LM End	1.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.338005 °	37.338005 °
				-120.953921 °	-120.953921 °
DWR ID	19586				

Comment Code

Inspector Comment

FS_ID:70641
 DS_ID:19586
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.17)].
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2022_70641_90554.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.15	Rating **	M	Issue No.	8 (cont)
LM End	1.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.338005 °	37.338005 °
				-120.953921 °	-120.953921 °
DWR ID	19586				

Photo 2 of 3 : UCIP_SP_2022_70641_90555.jpg



Pipe and flapgate visible on WS toe

LM Start	1.15	Rating **	M	Issue No.	8 (cont)
LM End	1.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70641_90553.jpg



Pipe, flapgate and headwall on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.32	Rating **	M	Issue No.	11
LM End	1.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.337361 °	37.337361 °
				-120.950879 °	-120.950879 °
DWR ID	19587				
Comment Code					
Inspector Comment					
FS_ID:70642 DS_ID:19587 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is still pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 12.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). Pipe crosses through the levee at about a 45-degree angle. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.35). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.34)]. FS Date: 10/6/2020					

LM Start	1.32	Rating **	M	Issue No.	11 (cont)
LM End	1.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70642_90560.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70642_90565.jpg



WS view: Overview of WS from levee crown. Headwall not visible from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.32	Rating **	M	Issue No.	11 (cont)
LM End	1.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.337361 °	37.337361 °
				-120.950879 °	-120.950879 °
DWR ID	19587				

Photo 3 of 3 : UCIP_SP_2022_70642_90561.jpg



LS view: Concrete headwall and pipe visible at LS toe

LM Start	1.46	Rating **	M	Issue No.	13
LM End	1.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.336866 °	37.336866 °
				-120.948520 °	-120.948520 °
DWR ID	19588				

Comment Code

Inspector Comment

FS_ID:70643
DS_ID:19588
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Some sediment buildup inside pipe at LS toe. Recommend contacting owner to clear sediment buildup and check wall integrity through pipe section. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.48). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.48)].
FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2022_70643_90567.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.46	Rating **	M	Issue No.	13 (cont)
LM End	1.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.336866 °	37.336866 °
				-120.948520 °	-120.948520 °
DWR ID	19588				

Photo 2 of 3 : UCIP_SP_2022_70643_90568.jpg



Pipe and flapgate visible on WS toe

LM Start	1.46	Rating **	M	Issue No.	13 (cont)
LM End	1.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70643_90570.jpg



Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.67	Rating **	M	Issue No.	14
LM End	1.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.336459 °	37.336459 °
				-120.944803 °	-120.944803 °
DWR ID	19589				
Comment Code					
Inspector Comment					
FS_ID:70644 DS_ID:19589 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Dense vegetation was found along the WS and LS toe. Recommend removing vegetation along the pipe alignment. Based on the 2014 photos, the LS toe appears to be heavily silted up. Recommend removing silt to increase flow capacity and meet pipe design capacity. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Heavy sediment buildup in pipe at LS toe. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 13.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.70). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.69)]. FS Date: 10/6/2020					

LM Start	1.67	Rating **	M	Issue No.	14 (cont)
LM End	1.67	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70644_90572.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70644_90573.jpg



LS view: Pipe and headwall not visible on LS toe from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.67	Rating **	M	Issue No.	14 (cont)
LM End	1.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.336459 °	37.336459 °
				-120.944803 °	-120.944803 °
DWR ID	19589				

Photo 3 of 3 : UCIP_SP_2022_70644_90574.jpg



WS view: Flapgate and headwall not visible on WS toe from levee crown

LM Start	1.81	Rating **	M	Issue No.	15
LM End	1.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.335612 °	37.335612 °
				-120.942532 °	-120.942532 °
DWR ID	19590				

Photo 1 of 3 : UCIP_SP_2022_70645_90581.jpg



Overview of levee crown, looking upstream

Comment Code					
Inspector Comment					
FS_ID:70645 DS_ID:19590 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Dense vegetation was observed along the pipe alignment and both WS and LS toe. Recommend clearing vegetation along pipe alignment. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.84). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.83)]. FS Date: 10/6/2020					

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.81	Rating **	M	Issue No.	15 (cont)
LM End	1.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.335612 °	37.335612 °
				-120.942532 °	-120.942532 °
DWR ID	19590				

Photo 2 of 3 : UCIP_SP_2022_70645_90583.jpg



LS view: Pipe and headwall are not visible at LS toe from levee crown

LM Start	1.81	Rating **	M	Issue No.	15 (cont)
LM End	1.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70645_90582.jpg



WS view: Pipe, flapgate, and headwall are not visible at WS toe from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.95	Rating **	M	Issue No.	16	
LM End	1.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.334377 °	37.334377 °	
				-120.940397 °	-120.940397 °	
DWR ID	19591					
Comment Code						
Inspector Comment						
FS_ID:70646 DS_ID:19591 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. Rodent activity found in the general area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Need to contact owner to determine crossing status. Inlet drop box silted in and needs to be cleaned out. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.98)]. FS Date: 10/6/2020						

LM Start	1.95	Rating **	M	Issue No.	16 (cont)
LM End	1.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70646_90611.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70646_90613.jpg



LS view: View toward LS pipe and headwall from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.95	Rating **	M	Issue No.	16 (cont)
LM End	1.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.334377 °	37.334377 °
				-120.940397 °	-120.940397 °
DWR ID	19591				

Photo 3 of 3 : UCIP_SP_2022_70646_90615.jpg



LS view: Pipe and headwall at LS toe

LM Start	1.98	Rating **	M	Issue No.	99
LM End	1.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.334173 °	37.334173 °
				-120.939886 °	-120.939886 °
DWR ID	DWR_NA0010_01_s_2020_99				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows on both sides of the levee.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.06	Rating **	U	Issue No.	17	
LM End	2.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.333653 °	37.333653 °	
				-120.938770 °	-120.938770 °	
DWR ID	19570					
Comment Code						
Inspector Comment						
FS_ID:70647 DS_ID:19570 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Wooden barrier surrounding drop-inlet is dilapidated. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP) 04/08/2014 Unable to find inlet on landward toe. Recommend clearing vegetation on landward side to properly inspect inlet. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.08). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.08)]. FS Date: 10/6/2020						

LM Start	2.06	Rating **	U	Issue No.	17 (cont)
LM End	2.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70647_90617.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70647_90618.jpg



WS view: Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.06	Rating **	U	Issue No.	17 (cont)
LM End	2.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.333653 °	37.333653 °
				-120.938770 °	-120.938770 °
DWR ID	19570				

Photo 3 of 3 : UCIP_SP_2022_70647_90620.jpg



WS view: Pipe, flapgate, and headwall on WS toe

LM Start	2.20	Rating **	N	Issue No.	110
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.331820 °	37.331820 °
				-120.937605 °	-120.937605 °
DWR ID	DWR_NA0010_01_f_2018_110				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump on landside slope should be removed.					

Photo 1 of 1 : SP_2022_NA0010_118_110_20220308_00013.jpg



View of tree stump on the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.22	Rating **	M	Issue No.	18
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.331611 °	37.331611 °
				-120.937455 °	-120.937455 °
DWR ID	19571				
Comment Code					
Inspector Comment					
FS_ID:70648 DS_ID:19571 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urget. Pipe angle through the levee. System description has been updated. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee at an angle, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.25). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.25)]. FS Date: 10/6/2020					

LM Start	2.22	Rating **	M	Issue No.	18 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70648_90625.jpg



Overview of levee crown, looking US. Pipe angled through levee at alignment shown

Photo 2 of 3 : UCIP_SP_2022_70648_90626.jpg



WS view: Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.22	Rating **	M	Issue No.	18 (cont)
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.331611 °	37.331611 °
				-120.937455 °	-120.937455 °
DWR ID	19571				

Photo 3 of 3 : UCIP_SP_2022_70648_90629.jpg



WS view: Pipe and slope on WS toe

LM Start	2.50	Rating **	M	Issue No.	19
LM End	2.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.328619 °	37.328619 °
				-120.934369 °	-120.934369 °
DWR ID	19572				

Comment Code

Inspector Comment

FS_ID:70649
 DS_ID:19572
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.53). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.52)].
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2022_70649_90632.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.50	Rating **	M	Issue No.	19 (cont)
LM End	2.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.328619 °	37.328619 °
				-120.934369 °	-120.934369 °
DWR ID	19572				

Photo 2 of 3 : UCIP_SP_2022_70649_90633.jpg



WS view: Pipe, headwall, and flapgate visible on WS toe

LM Start	2.50	Rating **	M	Issue No.	19 (cont)
LM End	2.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70649_90635.jpg



WS view: Pipe, flapgate, and headwall on WS toe

LM Start	2.58	Rating **	A/W	Issue No.	113
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.327936 °	37.327936 °
				-120.933013 °	-120.933013 °
DWR ID	DWR_NA0010_01_f_2018_113				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
There is damage caused by vehicle traffic over the levee.					

Photo 1 of 1 : SP_2022_NA0010_118_113_20220308_00015.jpg



Slope damage by vehicle traffic. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.67	Rating **	M	Issue No.	20
LM End	2.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.327362 °	37.327362 °
				-120.931591 °	-120.931591 °
DWR ID	19573				
Comment Code					
Inspector Comment					
FS_ID:70650 DS_ID:19573 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Sedimentation in pipe at landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.71). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.70)]. FS Date: 10/6/2020					

LM Start	2.67	Rating **	M	Issue No.	20 (cont)
LM End	2.67	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70650_90637.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70650_90638.jpg



WS view: Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.67	Rating **	M	Issue No.	20 (cont)
LM End	2.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.327362 °	37.327362 °
				-120.931591 °	-120.931591 °
DWR ID	19573				

Photo 3 of 3 : UCIP_SP_2022_70650_90640.jpg



WS view: Pipe, flapgate, and headwall at WS toe

LM Start	2.99	Rating **	U	Issue No.	114
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.323328 °	37.323328 °
				-120.929521 °	-120.929521 °
DWR ID	DWR_NA0010_01_f_2018_114				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage caused by livestock on both landside and waterside slope has eroded into the levee crown.					

Photo 1 of 1 : SP_2022_NA0010_118_114_20220308_00016.jpg



View of damage to both slope from livestock activity. (Fall 2020)

LM Start	3.06	Rating **	M	Issue No.	104
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.322499 °	37.322499 °
				-120.928986 °	-120.928986 °
DWR ID	DWR_NA0010_01_f_2017_104				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage caused by animal foot traffic.					

Photo 1 of 1 : SP_2022_NA0010_118_104_20220308_00009.jpg



Slope damage on the landside slope from livestock traffic. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.10	Rating **	M	Issue No.	115	
LM End	3.10	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Livestock			37.321903 °		37.321903 °
				-120.928748 °		-120.928748 °
DWR ID	DWR_NA0010_01_f_2018_115					
Comment Code						
E4 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						
Damage caused by livestock traffic.						

Photo 1 of 1 : SP_2022_NA0010_118_115_20220308_00017.jpg



View of erosion path looking downstream. (Fall 2018)

LM Start	3.13	Rating **	M	Issue No.	108
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.321488 °	37.321488 °
				-120.928758 °	-120.928758 °
DWR ID	DWR_NA0010_01_s_2017_108				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage caused by animal traffic on landside toe.					

Photo 1 of 1 : SP_2022_NA0010_118_108_20220308_00012.jpg



View of landside slope damage by animal traffic. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.13	Rating **	M	Issue No.	21
LM End	3.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.321444 °	37.321444 °
				-120.928764 °	-120.928764 °
DWR ID	19574				
Comment Code					
Inspector Comment					
FS_ID:70651 DS_ID:19574 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Some minor erosion around headwall on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.17). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.16)]. FS Date: 10/6/2020					

LM Start	3.13	Rating **	M	Issue No.	21 (cont)
LM End	3.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70651_90644.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70651_90645.jpg



WS view: Pipe and flapgate visible at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.13	Rating **	M	Issue No.	21 (cont)
LM End	3.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.321444 °	37.321444 °
				-120.928764 °	-120.928764 °
DWR ID	19574				

Photo 3 of 3 : UCIP_SP_2022_70651_90646.jpg



WS view: Pipe, flapgate, and headwall at WS toe

LM Start	3.16	Rating **	C	Issue No.	10
LM End	3.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321053 °	37.321053 °
				-120.928785 °	-120.928785 °
DWR ID	DWR_NA0010_01_s_2012_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.16	Rating **	M	Issue No.	123
LM End	3.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.321052 °	37.318644 °
				-120.928812 °	-120.927340 °
DWR ID	DWR_NA0010_01_s_2022_123				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_123_20220412_00299.jpg



View of the waterside slope looking upstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.18	Rating **	M	Issue No.	116
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.320725 °	37.320725 °
				-120.928837 °	-120.928837 °
DWR ID	DWR_NA0010_01_f_2018_116				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes noted in this section.					

Photo 1 of 1 : SP_2022_NA0010_118_116_20220308_00018.jpg



View of landside slope with rodent holes. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.47	Rating **	U	Issue No.	26
LM End	3.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.317116 °	37.317116 °
				-120.926451 °	-120.926451 °
DWR ID	19575				
Comment Code					
Inspector Comment					
FS_ID:70652 DS_ID:19575 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Urgent. Sinkhole present directly above the LS headwall and along pipe alignment. Pipe collapse visible from from the LS toe. Erosion present on the WS just behind the flap gate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled in 2021. (B. Singh - GEI, O. Magana - DWR UCIP)11/01/2018 Pipe continues to rust through, causing the pipe to collapse on the LS. Sediment buildup visible from the LS inlet. Loss of soil just above the LS concrete headwall and along the LS slope. Crossing remains Urgent due to the levee slope issues and pipe failure through the levee. (O. Magana - DWR UCIP)07/19/2016 Same as previous inspection. Erosion present on LS slope. (O. Magana - DWR UCIP)04/08/2014 Pipe rusted through at Springline on LS toe. Flapgate blocked by sediment on WS toe. Heavy sediment on both ends of pipe. Need to contact owner to address issues. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.50). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.50)]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP_SP_2022_70652_90588.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	29
LM End	4.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.309080 °	37.309080 °
				-120.924442 °	-120.924442 °
DWR ID	19607				

Comment Code

Inspector Comment

FS_ID:70655
DS_ID:19607
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/20/2020 Record remains Non-Urgent. Barbed wire prevented access to the pipe located on the LS toe. Unpermitted modifications were made to the structure. There appears to be multiple crossings at this location, two 12-inch pipes and 48-inch refurbished pipe. Recommend adding new DSID for the second 12-inch pipe found during field inspection. Portion of concrete headwall visible on the WS toe that corresponds to 48-inch pipe. Recommend contacting owner to determine status of structure and obtain as-builts. No permit was found authorizing these encroachments. CVFPB will need to review crossing to determine owner(s). (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Pipe appears sleeved with a 12-inch steel pipe with a slide gate at the LS toe. No identified authorization for changes to this crossing. Need to contact owner to obtain additional information about the modifications to crossing. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 48-inch corrugated metal (CM) gravity drainage pipe through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.16). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.16)].
FS Date: 10/20/2020

LM Start	4.13	Rating **	M	Issue No.	29 (cont)
LM End	4.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70655_90661.jpg



Overview of levee crown showing location of burrow hole and alignment of unauthorized 12" pipe

Photo 2 of 3 : UCIP_SP_2022_70655_90659.jpg



LS view: View toward LS toe from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	29 (cont)
LM End	4.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.309080 °	37.309080 °
				-120.924442 °	-120.924442 °
DWR ID	19607				

Photo 3 of 3 : UCIP_SP_2022_70655_90660.jpg



WS view: View toward WS toe from levee crown

LM Start	4.18	Rating **	M	Issue No.	105
LM End	4.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.308458 °	37.308458 °
				-120.923942 °	-120.923942 °
DWR ID	DWR_NA0010_01_f_2017_105				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted at this location.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.25	Rating **	M	Issue No.	31
LM End	4.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.307930 °	37.307930 °
				-120.923057 °	-120.923057 °
DWR ID	19608				
Comment Code					
Inspector Comment					
FS_ID:70657 DS_ID:19608 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Fence and dense vegetation prevented full inspection along the WS and LS slopes. Burrowing observed on LS and WS slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation and fence limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward side. Recommend obtaining access to landward toe and removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.27). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.27)]. FS Date: 10/20/2020					

LM Start	4.25	Rating **	M	Issue No.	31 (cont)
LM End	4.25	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70657_90668.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70657_90670.jpg



LS view: View toward LS toe from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.25	Rating **	M	Issue No.	31 (cont)
LM End	4.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.307930 °	37.307930 °
				-120.923057 °	-120.923057 °
DWR ID	19608				

Photo 3 of 3 : UCIP_SP_2022_70657_90669.jpg



WS view: View toward WS toe from levee crown

LM Start	4.26	Rating **	M	Issue No.	102
LM End	4.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.307826 °	37.307826 °
				-120.922735 °	-120.922735 °
DWR ID	DWR_NA0010_01_s_2019_102				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.31	Rating **	M	Issue No.	124
LM End	4.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.307525 °	37.301192 °
				-120.921965 °	-120.920599 °
DWR ID	DWR_NA0010_01_s_2022_124				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_124_20220412_00300.jpg



View of vegetation growing on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.69	Rating **	U	Issue No.	32
LM End	4.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302408 °	37.302408 °
				-120.920931 °	-120.920931 °
DWR ID	19609				
Comment Code					
Inspector Comment					
FS_ID:70658 DS_ID:19609 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF, between 5 and 6. Crossing will be monitored until funding becomes available to address. Evidence of the landslide visible on the LS slope from the levee crown. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.73). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.72)]. FS Date: 10/20/2020					

LM Start	4.69	Rating **	U	Issue No.	32 (cont)
LM End	4.69	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70658_90676.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70658_90678.jpg



WS view: Pipe and flapgate visible at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	4.69	Rating **	U	Issue No.	32 (cont)
LM End	4.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302408 °	37.302408 °
				-120.920931 °	-120.920931 °
DWR ID	19609				

Photo 3 of 3 : UCIP_SP_2022_70658_90679.jpg



WS view: Pipe and flapgate at WS toe

LM Start	4.69	Rating **	M	Issue No.	9
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.302398 °	37.302398 °
				-120.920920 °	-120.920920 °
DWR ID	DWR_NA0010_01_s_2013_9				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material used to repair the livestock damage in 2021 has eroded away.					

Photo 1 of 1 : SP_2022_NA0010_118_9_20220412_00301.jpg



View of damage to the landside slope from livestock. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	5.02	Rating **	M	Issue No.	33	
LM End	5.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.298917 °	37.298917 °	
				-120.917262 °	-120.917262 °	
DWR ID	19610					
Comment Code						
Inspector Comment						
FS_ID:70659 DS_ID:19610 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Unable to locate inlet on the LS toe. Ditch runs along the LS toe. Ditch was running full and no signs of pipe inlet were visible. This pipe appears to be non-functional--only WS pipe outlet found. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Non-functional -- sediment buildup against flapgate and inlet buried at landward side. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). Drainage ditch along the LS toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.05)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2022_70659_90682.jpg



Overview of levee crown, looking US

LM Start	5.02	Rating **	M	Issue No.	33 (cont)
LM End	5.02	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70659_90684.jpg



WS view: Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	5.02	Rating **	M	Issue No.	33 (cont)
LM End	5.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.298917 °	37.298917 °
				-120.917262 °	-120.917262 °
DWR ID	19610				

Photo 3 of 3 : UCIP_SP_2022_70659_90683.jpg



LS view: Pipe and headwall not visible at LS toe from levee crown

LM Start	5.43	Rating **	M	Issue No.	125
LM End	6.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.301512 °	37.304059 °
				-120.911230 °	-120.893346 °
DWR ID	DWR_NA0010_01_s_2022_125				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_125_20220412_00302.jpg



Looking upstream along the landside slope. (Spring 2022)

LM Start	5.73	Rating **	M	Issue No.	126
LM End	6.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.304153 °	37.304053 °
				-120.906956 °	-120.893101 °
DWR ID	DWR_NA0010_01_s_2022_126				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	5.92	Rating **	M	Issue No.	34
LM End	5.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.303612 °	37.303612 °
				-120.903704 °	-120.903704 °
DWR ID	19611				
Comment Code					
Inspector Comment					
FS_ID:70660 DS_ID:19611 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Depression observed across levee crown, less than 6 inches in depth. Pipe inlet located at the LS toe is completely blocked by soil. This crossing is non-functional. Recommend evaluating the purpose of this drainage structure. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Recommend reviewing DMP's internal inspection when completed to investigate reason for depression across the levee crown. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Landward side filled in with soil. Need to contact owner. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.96). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.95)]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP_SP_2022_70660_90689.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	5.92	Rating **	M	Issue No.	34 (cont)
LM End	5.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.303612 °	37.303612 °
				-120.903704 °	-120.903704 °
DWR ID	19611				

Photo 2 of 3 : UCIP_SP_2022_70660_90691.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	5.92	Rating **	M	Issue No.	34 (cont)
LM End	5.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70660_90690.jpg



LS view: View of LS toe from levee crown. Pipe and headwall not visible

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.10	Rating **	M	Issue No.	35
LM End	6.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304232 °	37.304232 °
				-120.900706 °	-120.900706 °
DWR ID	19612				
Comment Code					
Inspector Comment					
FS_ID:70661 DS_ID:19612 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Scour is still present on both sides of the concrete LS headwall. Dense vegetation prevented updates on the scour progression along the LS slope. Recommend re-inspecting pipe when vegetation is removed. Unable to access to WS outlet due to wired fence. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Pipe completely blocked by soil on LS toe due to animal activity. Slide gate blocked open. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal (CM) gravity drainage pipe through the levee at an angle, 13.1 feet below the crown. Walkway to slide gate at the concrete headwall on the landside (LS) toe. Flap gate at the concrete headwall on the waterside (WS) toe. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.13)]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP_SP_2022_70661_90696.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.10	Rating **	M	Issue No.	35 (cont)
LM End	6.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304232 °	37.304232 °
				-120.900706 °	-120.900706 °
DWR ID	19612				

Photo 2 of 3 : UCIP_SP_2022_70661_90698.jpg



WS view: View of WS toe from levee crown. Headwall, pipe, and flapgate not visible from levee crown.

LM Start	6.10	Rating **	M	Issue No.	35 (cont)
LM End	6.10	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70661_90695.jpg



WS view: Levee slope from WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.39	Rating **	M	Issue No.	36
LM End	6.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304459 °	37.304459 °
				-120.895863 °	-120.895863 °
DWR ID	19613				
Comment Code					
Inspector Comment					
FS_ID:70662 DS_ID:19613 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Dense vegetation on WS toe, recommend removal for proper inspection. Minor surface erosion visible on the LS toe near the standpipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end next to a 48-inch concrete riser unit with walkway over the top. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.44). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.40)]. FS Date: 10/20/2020					

LM Start	6.39	Rating **	M	Issue No.	36 (cont)
LM End	6.39	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70662_90702.jpg



Overview of levee crown, looking upstream

Photo 2 of 3 : UCIP_SP_2022_70662_90705.jpg



WS view: Headwall not visible on WS toe due to dense vegetation

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.39	Rating **	M	Issue No.	36 (cont)
LM End	6.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304459 °	37.304459 °
				-120.895863 °	-120.895863 °
DWR ID	19613				

Photo 3 of 3 : UCIP_SP_2022_70662_90706.jpg



WS view: Inspection of WS headwall, pipe, and flapgate inhibited by dense vegetation

LM Start	6.61	Rating **	M	Issue No.	37
LM End	6.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.303815 °	37.303815 °
				-120.891955 °	-120.891955 °
DWR ID	19614				

Comment Code

Inspector Comment

FS_ID:70663
DS_ID:19614
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/20/2020 Record remains Non-Urgent. Dense vegetation inhibits inspection of the pipe on the LS toe, and both slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)7/19/2016 Same as previous inspection. Outlet and inlet are under water. (O. Magana - DWR UCIP)4/08/2014 Flapgate blocked by sedimentation at WS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Also recommend clearing vegetation from both waterward and landward toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.8 feet below the crown. Wooden fence around a 4-foot by 4-foot drop inlet on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.64)].
FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2022_70663_90712.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	37 (cont)
LM End	6.61	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.303815 °	37.303815 °	
			-120.891955 °	-120.891955 °	
DWR ID	19614				

Photo 2 of 3 : UCIP_SP_2022_70663_90713.jpg



LS view: Dense vegetation on LS limiting view of wooden barrier around drop-inlet.

LM Start	6.61	Rating **	M	Issue No.	37 (cont)
LM End	6.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70663_90707.jpg



LS view: LS slope from LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	38
LM End	6.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302098 °	37.302098 °
				-120.887943 °	-120.887943 °
DWR ID	19615				

Comment Code

Inspector Comment

FS_ID:70664
DS_ID:19615
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. Heavy corrosion present with visible holes found at the WS outlet near flap gate. Surface erosion present on the LS slope just upstream of slide gate. Evidence of surface erosion on the WS slope (vertical slope) was present approximately 15 feet downstream of the pipe. Plastic sheeting has been placed to prevent further erosion by LMA (assumed). Recommend notifying DWR Levee Inspector to monitor progress of surface erosion on the WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)07/19/2016 Potential LS slope damage--difficult to determine due to dense vegetation. Limited access on WS toe due to wire fence. (O. Magana - DWR UCIP)04/08/2014 Slide gate blocked by debris at LS toe. Flapgate won't close because of debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.3 feet below the crown. Slide gate on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.90). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.90)].
FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2022_70664_90726.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	38 (cont)
LM End	6.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302098 °	37.302098 °
				-120.887943 °	-120.887943 °
DWR ID	19615				

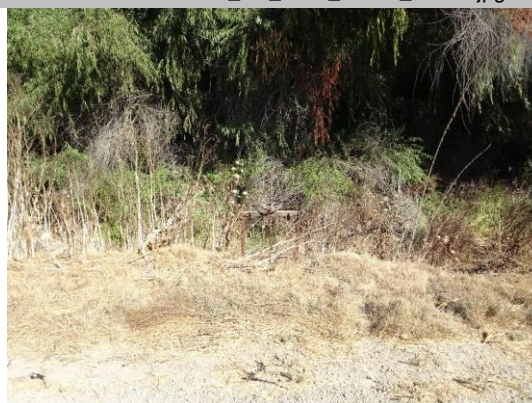
Photo 2 of 3 : UCIP_SP_2022_70664_92389.jpg



WS view: overview of WS.

LM Start	6.86	Rating **	U	Issue No.	38 (cont)
LM End	6.86	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70664_90727.jpg



LS view: Pipe slidegate visible at LS toe.

LM Start	6.91	Rating **	M	Issue No.	128
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.301779 °	37.298579 °
				-120.887140 °	-120.867458 °
DWR ID	DWR_NA0010_01_s_2022_128				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	6.91	Rating **	M	Issue No.	127
LM End	8.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.301779 °	37.296873 °
				-120.887140 °	-120.856985 °
DWR ID	DWR_NA0010_01_s_2022_127				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_127_20220412_00303.jpg



View of vegetation growing on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	7.18	Rating **	U	Issue No.	39	
LM End	7.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.300055 °	37.300055 °	
				-120.882939 °	-120.882939 °	
DWR ID	19616					
Comment Code						
Inspector Comment						
FS_ID:70665 DS_ID:19616 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Pipe deeply corroded. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)11/01/2018 Pipe continues to corrode through. Voids (undermining) along pipe invert are visible from the LS. Potential undermining caused by erosion under concrete apron on the WS. Crossing remains Urgent due to the pipe failure. (O. Magana - DWR UCIP)04/08/2014 Pipe failing and corroded through at LS toe. Need to contact owner to determine status of crossing. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 5.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.22). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.21)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2022_70665_90715.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	7.18	Rating **	U	Issue No.	39 (cont)
LM End	7.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.300055 °	37.300055 °
				-120.882939 °	-120.882939 °
DWR ID	19616				

Photo 2 of 3 : UCIP_SP_2022_70665_90717.jpg



WS view: Pipe and flapgate at WS toe not visible from levee crown due to vegetation.

LM Start	7.18	Rating **	U	Issue No.	39 (cont)
LM End	7.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70665_90721.jpg



WS view: Pipe, flapgate, and headwall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	7.42	Rating **	U	Issue No.	41	
LM End	7.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.299817 °	37.299817 °	
				-120.878519 °	-120.878519 °	
DWR ID	19618					
Comment Code						
Inspector Comment						
FS_ID:70667 DS_ID:19618 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. Topography of WS toe has changed over time with sediment build-up preventing proper drainage. At the pipe outlet there is a gradual ground elevation change that causes the water to pond against the flap gate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.46). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.46)]. FS Date: 10/20/2020						

LM Start	7.42	Rating **	U	Issue No.	41 (cont)
LM End	7.42	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70667_90738.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70667_90739.jpg



LS view: Headwall not visible at LS toe from levee crown due to vegetation

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	7.42	Rating **	U	Issue No.	41 (cont)
LM End	7.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299817 °	37.299817 °
				-120.878519 °	-120.878519 °
DWR ID	19618				

Photo 3 of 3 : UCIP_SP_2022_70667_90740.jpg



WS view: Flapgate visible at WS toe

LM Start	7.65	Rating **	U	Issue No.	42
LM End	7.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299211 °	37.299211 °
				-120.874415 °	-120.874415 °
DWR ID	19619				

Photo 1 of 3 : UCIP_SP_2022_70668_90744.jpg



Overview of levee crown, looking US

Comment Code					
Inspector Comment					
FS_ID:70668 DS_ID:19619 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. Sloughing observed on the LS slope above headwall. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.70). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.69)]. FS Date: 10/20/2020					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	7.65	Rating **	U	Issue No.	42 (cont)
LM End	7.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299211 °	37.299211 °
				-120.874415 °	-120.874415 °
DWR ID	19619				

Photo 2 of 3 : UCIP_SP_2022_70668_90746.jpg



WS view: View toward WS toe

LM Start	7.65	Rating **	U	Issue No.	42 (cont)
LM End	7.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70668_90743.jpg



WS view: Pipe, headwall, and flapgate on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.03	Rating **	M	Issue No.	43	
LM End	8.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.298711 °	37.298711 °	
				-120.867756 °	-120.867756 °	
DWR ID	19620					
Comment Code						
Inspector Comment						
FS_ID:70669 DS_ID:19620 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Corrosion in pipe visible on the LS toe. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.09). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.07)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2022_70669_92400.jpg



Overview of levee crown, looking U/S from several hundred feet away from crossing.

LM Start	8.03	Rating **	M	Issue No.	43 (cont)
LM End	8.03	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70669_90750.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.03	Rating **	M	Issue No.	43 (cont)	
LM End	8.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.298711 °	37.298711 °	
				-120.867756 °	-120.867756 °	
DWR ID	19620					

Photo 3 of 3 : UCIP_SP_2022_70669_90751.jpg



LS toe from levee crown

LM Start	8.38	Rating **	M	Issue No.	44
LM End	8.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296637 °	37.296637 °
				-120.861994 °	-120.861994 °
DWR ID	19621				

Comment Code

Inspector Comment

FS_ID:70670
DS_ID:19621
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/20/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup at landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.41)]. FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2022_70670_90757.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.38	Rating **	M	Issue No.	44 (cont)
LM End	8.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296637 °	37.296637 °
				-120.861994 °	-120.861994 °
DWR ID	19621				

Photo 2 of 3 : UCIP_SP_2022_70670_90758.jpg



LS view: View of LS toe from levee crown

LM Start	8.38	Rating **	M	Issue No.	44 (cont)
LM End	8.38	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70670_92416.jpg



LS view: overview of LS slope profile.

LM Start	8.55	Rating **	M	Issue No.	12
LM End	8.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.296489 °	37.296764 °
				-120.859081 °	-120.857635 °
DWR ID	DWR_NA0010_01_s_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes observed along this section.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.57	Rating **	M	Issue No.	45
LM End	8.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296552 °	37.296552 °
				-120.858596 °	-120.858596 °
DWR ID	19622				
Comment Code					
Inspector Comment					
FS_ID:70672 DS_ID:19622 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from No Action Needed to Non-Urgent. Large burrow hole observed approximately 100 feet downstream of the pipe, on LS shoulder of the levee crown. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.62). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.61)]. FS Date: 10/20/2020					

LM Start	8.57	Rating **	M	Issue No.	45 (cont)
LM End	8.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70672_90770.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70672_90772.jpg



WS view: Pipe and flapgate visible on WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.57	Rating **	M	Issue No.	45 (cont)
LM End	8.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296552 °	37.296552 °
				-120.858596 °	-120.858596 °
DWR ID	19622				

Photo 3 of 3 : UCIP_SP_2022_70672_90767.jpg



WS view: Slope WS pipe and flapgate

LM Start	8.89	Rating **	M	Issue No.	46
LM End	8.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297296 °	37.297296 °
				-120.852871 °	-120.852871 °
DWR ID	19623				

Comment Code

Inspector Comment

FS_ID:70673
DS_ID:19623
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/20/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.95). USACE San Joaquin O&M, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.93)].
FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2022_70673_90778.jpg



Overview of levee crown, looking US

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.89	Rating **	M	Issue No.	46 (cont)
LM End	8.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297296 °	37.297296 °
				-120.852871 °	-120.852871 °
DWR ID	19623				

Photo 2 of 3 : UCIP_SP_2022_70673_90780.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	8.89	Rating **	M	Issue No.	46 (cont)
LM End	8.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70673_90776.jpg



WS view: Pipe, flapgate, and headwall at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	48	
LM End	8.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.297425 °	37.297425 °	
				-120.851522 °	-120.851522 °	
DWR ID	19625					
Comment Code						
Inspector Comment						
FS_ID:70675 DS_ID:19625 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. As in previous inspection, dense vegetation inhibited proper inspection of the pipe and slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Some sediment buildup in pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.01). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.00)]. FS Date: 10/20/2020						

LM Start	8.97	Rating **	M	Issue No.	48 (cont)
LM End	8.97	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70675_90789.jpg



LS view: View toward LS toe. Headwall not visible due to high vegetation.

Photo 2 of 3 : UCIP_SP_2022_70675_90790.jpg



LS view: Headwall not visible due to high vegetation on LS toe and slope

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	48 (cont)
LM End	8.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297425 °	37.297425 °
				-120.851522 °	-120.851522 °
DWR ID	19625				

Photo 3 of 3 : UCIP_SP_2022_70675_90791.jpg



WS view: Pipe visible at WS toe, but low accessibility due to vegetation.

LM Start	8.99	Rating **	M	Issue No.	49
LM End	8.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297488 °	37.297488 °
				-120.851157 °	-120.851157 °
DWR ID	19626				

Photo 1 of 3 : UCIP_SP_2022_70676_90906.jpg



Overview of levee crown looking downstream.

Comment Code					
Inspector Comment					
FS_ID:70676 DS_ID:19626 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited proper inspection of pipe condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.03). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.03)]. FS Date: 10/21/2020					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	8.99	Rating **	M	Issue No.	49 (cont)
LM End	8.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297488 °	37.297488 °
				-120.851157 °	-120.851157 °
DWR ID	19626				

Photo 2 of 3 : UCIP_SP_2022_70676_92421.jpg



Overview of levee crown looking upstream.

LM Start	8.99	Rating **	M	Issue No.	49 (cont)
LM End	8.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70676_90907.jpg



LS view: overview of LS

LM Start	8.99	Rating **	U	Issue No.	129
LM End	9.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.297497 °	37.294875 °
				-120.851069 °	-120.840601 °
DWR ID	DWR_NA0010_01_s_2022_129				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_129_20220412_00304.jpg



View of vegetation on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.00	Rating **	U	Issue No.	130
LM End	9.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.297503 °	37.296435 °
				-120.850882 °	-120.849015 °
DWR ID	DWR_NA0010_01_s_2022_130				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_130_20220412_00305.jpg



Looking upstream along the waterside slope. (Spring 2022)

LM Start	9.31	Rating **	M	Issue No.	131
LM End	9.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.295481 °	37.294873 °
				-120.846121 °	-120.840602 °
DWR ID	DWR_NA0010_01_s_2022_131				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.34	Rating **	U	Issue No.	50
LM End	9.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.295413 °	37.295413 °
				-120.845664 °	-120.845664 °
DWR ID	19627				
Comment Code					
Inspector Comment					
FS_ID:70677 DS_ID:19627 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Scouring observed about 2 feet downstream of pipe at WS toe. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.6 feet below the crown. Concrete drop inlet at the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.39). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.37)]. FS Date: 10/21/2020					

LM Start	9.34	Rating **	U	Issue No.	50 (cont)
LM End	9.34	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70677_90910.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2022_70677_90912.jpg



LS view: overview of LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.34	Rating **	U	Issue No.	50 (cont)
LM End	9.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.295413 °	37.295413 °
				-120.845664 °	-120.845664 °
DWR ID	19627				

Photo 3 of 3 : UCIP_SP_2022_70677_90911.jpg



LS view: View of LS slope from levee crown

LM Start	9.56	Rating **	M	Issue No.	101
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.295541 °	37.295541 °
				-120.841739 °	-120.841739 °
DWR ID	DWR_NA0010_01_f_2020_101				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_101_20220308_00008.jpg



Rodent burrows in the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.64	Rating **	M	Issue No.	51
LM End	9.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.294845 °	37.294845 °
				-120.840580 °	-120.840580 °
DWR ID	19628				
Comment Code					
Inspector Comment					
FS_ID:70678 DS_ID:19628 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.68). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.67)]. FS Date: 10/21/2020					

LM Start	9.64	Rating **	M	Issue No.	51 (cont)
LM End	9.64	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70678_90915.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2022_70678_92422.jpg



Overview of levee crown looking downstream towards pipe crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.64	Rating **	M	Issue No.	51 (cont)
LM End	9.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.294845 °	37.294845 °
				-120.840580 °	-120.840580 °
DWR ID	19628				

Photo 3 of 3 : UCIP_SP_2022_70678_90916.jpg



WS view: overview of WS

LM Start	9.89	Rating **	A/W	Issue No.	112
LM End	9.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.291796 °	37.291581 °
				-120.839497 °	-120.839718 °
DWR ID	DWR_NA0010_01_f_2017_112				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Landowner degraded levee in the 1970's because water on LS was flooding his property. Landowner has prevented efforts to restore levee. LMA has stated that no water from the waterside of the levee has ever backed up through the degraded levee and caused flooding.					

Photo 1 of 1 : SP_2022_NA0010_118_112_20220308_00014.jpg



Looking east at the levee breach. (Fall 2020)

LM Start	9.94	Rating **	U	Issue No.	120
LM End	9.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290994 °	37.290673 °
				-120.839758 °	-120.839988 °
DWR ID	DWR_NA0010_01_f_2018_120				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows observed in this section with large amount of material displaced.					

Photo 1 of 1 : SP_2022_NA0010_118_120_20220308_00021.jpg



View of rodent burrow in the landside slope. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	9.99	Rating **	M	Issue No.	121
LM End	9.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290432 °	37.290432 °
				-120.840189 °	-120.840189 °
DWR ID	DWR_NA0010_01_f_2018_121				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes noted at this location.					

No Photos

LM Start	10.20	Rating **	M	Issue No.	54	
LM End	10.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °	
				-120.840251 °	-120.840251 °	
DWR ID	19629					
Comment Code						
Inspector Comment						
FS_ID:70681						
DS_ID:19629						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation blocks waterward and landward toes Recommend removing vegetation from both toes. Also sediment buildup in pipe visible from landward side. (W. Wylie - UCIP DMP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 69 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.23)].						
FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2022_70681_90922.jpg



Overview of levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.20	Rating **	M	Issue No.	54 (cont)
LM End	10.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °
				-120.840251 °	-120.840251 °
DWR ID	19629				

Photo 2 of 3 : UCIP_SP_2022_70681_90923.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	10.20	Rating **	M	Issue No.	54 (cont)
LM End	10.20	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70681_90926.jpg



WS view: WS slope profile

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.68	Rating **	M	Issue No.	55
LM End	10.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283740 °	37.283740 °
				-120.833452 °	-120.833452 °
DWR ID	19630				
Comment Code					
Inspector Comment					
FS_ID:70682 DS_ID:19630 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 68 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.73). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72)]. FS Date: 10/21/2020					

LM Start	10.68	Rating **	M	Issue No.	55 (cont)
LM End	10.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70682_92750.jpg



Overview of levee crown, looking upstream towards crossing.

Photo 2 of 3 : UCIP_SP_2022_70682_90999.jpg



Overview of levee crown looking upstream

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.68	Rating **	M	Issue No.	55 (cont)
LM End	10.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283740 °	37.283740 °
				-120.833452 °	-120.833452 °
DWR ID	19630				

Photo 3 of 3 : UCIP_SP_2022_70682_91001.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	10.69	Rating **	M	Issue No.	56
LM End	10.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283710 °	37.283710 °
				-120.833329 °	-120.833329 °
DWR ID	19631				

Comment Code

Inspector Comment

FS_ID:70683
DS_ID:19631
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe material changes from CMP on the WS to concrete on the LS. (B. Singh - GEI, O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 67 bench mark (BM) on the headwall on the landside (LS). Pipe material changes from CMP on the WS to concrete on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.74). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70683_92770.jpg



Overview of levee crown looking upstream towards crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.69	Rating **	M	Issue No.	56 (cont)	
LM End	10.69	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.283710 °	37.283710 °	
				-120.833329 °	-120.833329 °	
DWR ID	19631					

Photo 2 of 3 : UCIP_SP_2022_70683_91009.jpg



Overview of levee crown looking upstream

LM Start	10.69	Rating **	M	Issue No.	56 (cont)
LM End	10.69	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70683_92766.jpg



WS view: ramp located on WS with two crossing on either side. This crossing is located on the right side.

LM Start	10.90	Rating **	U	Issue No.	133
LM End	10.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.282911 °	37.282911 °
				-120.829665 °	-120.829665 °
DWR ID	DWR_NA0010_01_s_2022_133				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_133_20220412_00306.jpg



View of rodent burrows on the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.98	Rating **	M	Issue No.	57	
LM End	10.98	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.282627 °	37.282627 °	
				-120.828233 °	-120.828233 °	
DWR ID	19632					
Comment Code						
Inspector Comment						
FS_ID:70684						
DS_ID:19632						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Dense vegetation previously recorded in the 2014 UCIP inspection has been cleared. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation blocks landward headwall. Recommend removing excess vegetation on landward toe. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 66 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.02). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.00)].						
FS Date: 10/21/2020						

LM Start	10.98	Rating **	M	Issue No.	57 (cont)
LM End	10.98	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70684_90929.jpg



Overview of levee crown looking upstream

Photo 2 of 3 : UCIP_SP_2022_70684_90930.jpg



WS view: overview of WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	10.98	Rating **	M	Issue No.	57 (cont)
LM End	10.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282627 °	37.282627 °
				-120.828233 °	-120.828233 °
DWR ID	19632				

Photo 3 of 3 : UCIP_SP_2022_70684_90932.jpg



WS view: overview of WS slope

LM Start	11.14	Rating **	M	Issue No.	58
LM End	11.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.281813 °	37.281813 °
				-120.825409 °	-120.825409 °
DWR ID	19633				

Comment Code

Inspector Comment

FS_ID:70685
 DS_ID:19633
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 5.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 65 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.20). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.18)].
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70685_92800.jpg



Overview of levee curve towards pipe crossing, looking upstream

* Location

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	59	
LM End	11.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.275518 °	37.275518 °	
				-120.826052 °	-120.826052 °	
DWR ID	19814					
Comment Code						
Inspector Comment						
FS_ID:70686						
DS_ID:19814						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 10/21/2020 Record has been updated from No						
Action Needed to Non-Urgent. Steep slopes prevented further						
inspection of the WS and LS toes. No permit was found authorizing this						
encroachment. CVFPB will need to review crossing to determine owner.						
DWR DMP has not found internal issues, LOF between 1 and 2.						
Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR						
UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity						
drainage pipe through the levee, 12.0 feet below the crown. Two metal						
cutoff walls. Flap gate, concrete saddle, and apron on the waterside						
(WS) end. Concrete headwall on the landside (LS) end. [Additional						
Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M						
Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May						
2011, (recorded as Unit 6, HLM 0.05, should be Unit 1, HLM 11.37)].						
FS Date: 10/21/2020						

LM Start	11.37	Rating **	M	Issue No.	59 (cont)
LM End	11.37	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70686_90940.jpg



Overview of levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_70686_90941.jpg



LS view: overview of LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	59 (cont)
LM End	11.37	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.275518 °	37.275518 °
				-120.826052 °	-120.826052 °
DWR ID	19814				

Photo 3 of 3 : UCIP_SP_2022_70686_92834.jpg



LS view: profile view of LS slope.

LM Start	11.49	Rating **	M	Issue No.	60
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273787 °	37.273787 °
				-120.825519 °	-120.825519 °
DWR ID	19634				

Comment Code

Inspector Comment

FS_ID:70687
DS_ID:19634
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited inspection of pipe and headwall on the LS toe. DWR DMP has found integrity issues, LOF between 4 and 5. Unable to locate pipe inlet on along the LS toe. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Need to contact owner--landward side has been buried. It appears that soil was removed from levee toe, immediately upstream, and used to pile soil at landward side at crossing. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 62 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.48). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.48)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70687_92836.jpg



Overview of levee crown looking upstream towards pipe crossing, photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

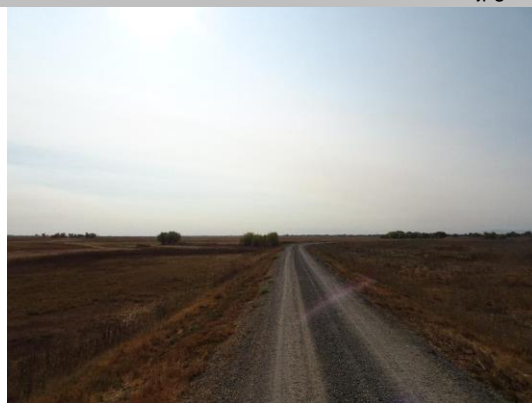
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	60 (cont)
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273787 °	37.273787 °	
			-120.825519 °	-120.825519 °	
DWR ID	19634				

Photo 2 of 3 : UCIP_SP_2022_70687_90946.jpg



Overview of levee crown looking upstream towards pipe crossing, photo 2 of 2.

LM Start	11.49	Rating **	M	Issue No.	60 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70687_90949.jpg



LS view: overview of LS.

LM Start	11.53	Rating **	M	Issue No.	136
LM End	11.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273150 °	37.273150 °
				-120.825630 °	-120.825630 °
DWR ID	DWR_NA0010_01_s_2021_136				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodents and burrows observed on landside slope and levee crown at this location.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.62	Rating **	A/W	Issue No.	132
LM End	11.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.271863 °	37.271863 °
				-120.825903 °	-120.825903 °
DWR ID	DWR_NA0010_01_s_2019_132				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Single old rodent burrow. Appears to be caving in near the entrance. LMA should backfill and compact hole.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.78	Rating **	M	Issue No.	61	
LM End	11.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.269657 °	37.269657 °	
				-120.826471 °	-120.826471 °	
DWR ID	19635					
Comment Code						
Inspector Comment						
FS_ID:70688 DS_ID:19635 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. DWR DMP geophysics study found evidence of pipe at 37.269697, -120.826430 (modified levee mile coordinates 37.269657, -120.826471 using UCIP calculator). Pipe and flap gate previously found on the WS toe were covered by dry vegetation preventing proper UCIP inspection. Recommend removal of excess vegetation to conduct a proper inspection of this structure through the levee. The pipe inlet and concrete headwall are buried on the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional --landward side is buried. Debris found on landward side (channel). Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 17.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 61 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.77). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.76)]. FS Date: 10/21/2020						

LM Start	11.78	Rating **	M	Issue No.	61 (cont)
LM End	11.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70688_90950.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2022_70688_92838.jpg



Overview of levee crown looking upstream towards pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	11.78	Rating **	M	Issue No.	61 (cont)
LM End	11.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.269657 °	37.269657 °
				-120.826471 °	-120.826471 °
DWR ID	19635				

Photo 3 of 3 : UCIP_SP_2022_70688_90953.jpg



LS view: overview of LS

LM Start	12.12	Rating **	M	Issue No.	62
LM End	12.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265336 °	37.265336 °
				-120.826591 °	-120.826591 °
DWR ID	19636				

Comment Code

Inspector Comment

FS_ID:70689
DS_ID:19636
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited proper inspection of the pipe on the LS and WS toes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional -- landward side is buried. Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.12). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.11)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70689_90956.jpg



Overview of levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	12.62	Rating **	M	Issue No.	138
LM End	12.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258975 °	37.258036 °
				-120.826389 °	-120.823149 °
DWR ID	DWR_NA0010_01_s_2022_138				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_138_20220412_00309.jpg



View of the waterside slope looking upstream. (Spring 2022)

LM Start	12.62	Rating **	M	Issue No.	137
LM End	13.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258975 °	37.245727 °
				-120.826389 °	-120.818247 °
DWR ID	DWR_NA0010_01_s_2022_137				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_137_20220412_00310.jpg



Looking at vegetation on the landside slope. (Spring 2022)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	12.95	Rating **	M	Issue No.	63	
LM End	12.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.256873 °	37.256873 °	
				-120.821277 °	-120.821277 °	
DWR ID	19637					
Comment Code						
Inspector Comment						
FS_ID:70690 DS_ID:19637 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Proper inspection inhibited by dense vegetation. Recommend vegetation removal along pipe alignment. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Concrete headwall on landward side blocked by debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.95). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.94)]. FS Date: 10/21/2020						

LM Start	12.95	Rating **	M	Issue No.	63 (cont)
LM End	12.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70690_92843.jpg



Overview of levee crown looking upstream towards pipe crossing past curve.

Photo 2 of 3 : UCIP_SP_2022_70690_90965.jpg



WS view: overview of WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	12.95	Rating **	M	Issue No.	63 (cont)
LM End	12.95	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.256873 °	37.256873 °	
			-120.821277 °	-120.821277 °	
DWR ID	19637				

Photo 3 of 3 : UCIP_SP_2022_70690_90966.jpg



WS view: dense vegetation along WS toe. Pipe and flap gate visible on WS toe.

LM Start	13.49	Rating **	M	Issue No.	64
LM End	13.49	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.251590 °	37.251590 °	
			-120.814354 °	-120.814354 °	
DWR ID	19638				

Comment Code

Inspector Comment

FS_ID:70691
DS_ID:19638
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Concrete headwall blocked by debris located on landward toe. Recommend clearing debris from landward slope and toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.48). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.48)]. FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70691_92844.jpg



Overview of levee looking upstream towards pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	13.49	Rating **	M	Issue No.	64 (cont)
LM End	13.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251590 °	37.251590 °
				-120.814354 °	-120.814354 °
DWR ID	19638				

Photo 2 of 3 : UCIP_SP_2022_70691_90967.jpg



WS view: overview of WS

LM Start	13.49	Rating **	M	Issue No.	64 (cont)
LM End	13.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70691_90969.jpg



WS view: pipe and flapgate visible at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	13.59	Rating **	M	Issue No.	65	
LM End	13.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.250138 °	37.250138 °	
				-120.814720 °	-120.814720 °	
DWR ID	19639					
Comment Code						
Inspector Comment						
FS_ID:70692 DS_ID:19639 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 No access to waterward toe due to fence. Unable to find the concrete headwall and flap gate on waterward side past fence. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also need access past fence on waterward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.58). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.58)]. FS Date: 10/21/2020						

LM Start	13.59	Rating **	M	Issue No.	65 (cont)
LM End	13.59	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70692_90971.jpg



Overview of levee crown looking downstream towards crossing.

Photo 2 of 3 : UCIP_SP_2022_70692_90973.jpg



LS view: overview of LS. No headwall found through dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	13.59	Rating **	M	Issue No.	65 (cont)
LM End	13.59	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.250138 °	37.250138 °	
			-120.814720 °	-120.814720 °	
DWR ID	19639				

Photo 3 of 3 : UCIP_SP_2022_70692_90972.jpg



WS view: overview of WS.

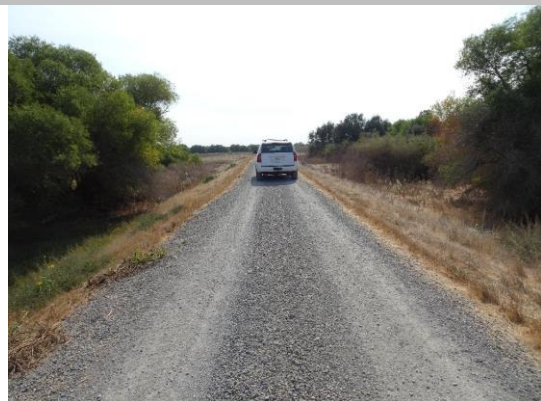
LM Start	14.22	Rating **	M	Issue No.	67
LM End	14.22	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.242225 °	37.242225 °	
			-120.817665 °	-120.817665 °	
DWR ID	19641				

Comment Code

Inspector Comment

FS_ID:70694
DS_ID:19641
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation at LS and WS toes inhibited proper inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 14.22). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.21)]. FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2022_70694_90986.jpg



Overview of levee crown looking upstream towards pipe crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	14.22	Rating **	M	Issue No.	67 (cont)	
LM End	14.22	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.242225 °	37.242225 °	
				-120.817665 °	-120.817665 °	
DWR ID	19641					

Photo 2 of 3 : UCIP_SP_2022_70694_90988.jpg



LS view: overview of LS

LM Start	14.22	Rating **	M	Issue No.	67 (cont)
LM End	14.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70694_90990.jpg



WS view: overview of WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	14.65	Rating **	M	Issue No.	68	
LM End	14.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.237584 °	37.237584 °	
				-120.812967 °	-120.812967 °	
DWR ID	19642					
Comment Code						
Inspector Comment						
FS_ID:70695 DS_ID:19642 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation along the pipe alignment prevented proper inspection of the levee and pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope and toe. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 14.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.65)]. FS Date: 10/21/2020						

LM Start	14.65	Rating **	M	Issue No.	68 (cont)
LM End	14.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70695_90992.jpg



Overview of levee crown looking downstream toward crossing.

Photo 2 of 3 : UCIP_SP_2022_70695_90993.jpg



WS view: WS slope profile looking downstream

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	14.65	Rating **	M	Issue No.	68 (cont)	
LM End	14.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.237584 °		37.237584 °
				-120.812967 °		-120.812967 °
DWR ID	19642					

Photo 3 of 3 : UCIP_SP_2022_70695_90994.jpg



LS view: LS slope profile looking downstream

LM Start	15.29	Rating **	M	Issue No.	69
LM End	15.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.231428 °	37.231428 °
				-120.805543 °	-120.805543 °
DWR ID	19643				

Comment Code

Inspector Comment

FS_ID:70696
DS_ID:19643
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation on LS toe limited inspection of pipe. Significant burrowing observed on LS and WS slopes. Recommend vegetation removal and rodent mitigation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.31). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.29)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70696_90792.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	15.29	Rating **	M	Issue No.	69 (cont)
LM End	15.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.231428 °	37.231428 °
				-120.805543 °	-120.805543 °
DWR ID	19643				

Photo 2 of 3 : UCIP_SP_2022_70696_92869.jpg



LS view: overview of LS.

LM Start	15.29	Rating **	M	Issue No.	69 (cont)
LM End	15.29	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70696_90793.jpg



WS view: overview of WS. Pipe and flapgate visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	15.58	Rating **	M	Issue No.	70
LM End	15.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228155 °	37.228155 °
				-120.802645 °	-120.802645 °
DWR ID	19644				
Comment Code					
Inspector Comment					
FS_ID:70697 DS_ID:19644 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Recor remains Non-Urgent. Dense vegetation on LS toe and slope inhibited proper inspection of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (O. Magana - DWR UCIP, B. Singh - GEI)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.57). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.57)]. FS Date: 11/16/2020					

Photo 1 of 3 : UCIP_SP_2022_70697_90797.jpg



Overview of levee crown, looking US

LM Start	15.58	Rating **	M	Issue No.	70 (cont)
LM End	15.58	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70697_90798.jpg



WS view: overview of WS. Pipe and flapgate visible at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	15.58	Rating **	M	Issue No.	70 (cont)
LM End	15.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228155 °	37.228155 °
				-120.802645 °	-120.802645 °
DWR ID	19644				

Photo 3 of 3 : UCIP_SP_2022_70697_92963.jpg



WS view: profile of WS slope.

LM Start	15.68	Rating **	M	Issue No.	139
LM End	17.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.227331 °	37.216033 °
				-120.801154 °	-120.778964 °
DWR ID	DWR_NA0010_01_s_2022_139				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	15.68	Rating **	M	Issue No.	140
LM End	17.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.227304 °	37.216033 °
				-120.801107 °	-120.778964 °
DWR ID	DWR_NA0010_01_s_2022_140				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	71	
LM End	15.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.226099 °	37.226099 °	
				-120.799125 °	-120.799125 °	
DWR ID	19645					
Comment Code						
Inspector Comment						
FS_ID:70698 DS_ID:19645 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. Corrosion observed in pipe inlet on the LS toe. Recommend internal inspection of the pipe through the levee to determine extent of damage. Some burrowing activity found on both LS and WS slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.82). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.81)]. FS Date: 11/16/2020						

LM Start	15.82	Rating **	M	Issue No.	71 (cont)
LM End	15.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70698_90803.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70698_90804.jpg



LS view: overview of LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	71 (cont)
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226099 °	37.226099 °
				-120.799125 °	-120.799125 °
DWR ID	19645				

Photo 3 of 3 : UCIP_SP_2022_70698_90805.jpg



WS view: overview of WS

LM Start	16.09	Rating **	U	Issue No.	72
LM End	16.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224157 °	37.224157 °
				-120.795250 °	-120.795250 °
DWR ID	19646				

Comment Code

Inspector Comment

FS_ID:70699
DS_ID:19646
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. Burrowing activity observed on LS and WS slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landside slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 16.09). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.09)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70699_92966.jpg



Overview of levee looking upstream towards crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	16.09	Rating **	U	Issue No.	72 (cont)
LM End	16.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224157 °	37.224157 °
				-120.795250 °	-120.795250 °
DWR ID	19646				

Photo 2 of 3 : UCIP_SP_2022_70699_92967.jpg



WS view: overview of WS.

LM Start	16.09	Rating **	U	Issue No.	72 (cont)
LM End	16.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70699_92965.jpg



WS view: concrete wingwall and pipe with flap gate visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	16.15	Rating **	M	Issue No.	73
LM End	16.15	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.224120 °	37.224120 °	
			-120.794002 °	-120.794002 °	
DWR ID	19647				

Comment Code

Inspector Comment

FS_ID:70700
DS_ID:19647
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Pipe and flapgate on WS toe were under water and there is dense vegetation on the LS slope and toe, inhibiting inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection status is pending. Contacted A. Asrate with DMP staff to find out internal inspection results from 2020. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 16.16). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.15)].
FS Date: 11/16/2020

LM Start	16.15	Rating **	M	Issue No.	73 (cont)
LM End	16.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70700_92979.jpg



Overview of levee crown looking upstream towards pipe crossing.

Photo 2 of 3 : UCIP_SP_2022_70700_92980.jpg



LS view: overview of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	16.15	Rating **	M	Issue No.	73 (cont)
LM End	16.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224120 °	37.224120 °
				-120.794002 °	-120.794002 °
DWR ID	19647				

Photo 3 of 3 : UCIP_SP_2022_70700_92978.jpg



WS view: overview of WS.

LM Start	16.72	Rating **	M	Issue No.	76
LM End	16.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224223 °	37.224223 °
				-120.783806 °	-120.783806 °
DWR ID	19648				

Comment Code

Inspector Comment

FS_ID:70703
 DS_ID:19648
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Unable to locate pipe on both LS and WS toes due to dense vegetation. Recommend vegetation removal for proper inspections. DWR DMP internal inspection is pending and scheduled for 2021. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 16.73). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.72)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70703_90820.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	76 (cont)
LM End	16.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224223 °	37.224223 °
				-120.783806 °	-120.783806 °
DWR ID	19648				

Photo 2 of 3 : UCIP_SP_2022_70703_90821.jpg



WS view: overview of WS. Pipe and flapgate not found; dense vegetation.

LM Start	16.72	Rating **	M	Issue No.	76 (cont)
LM End	16.72	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70703_90824.jpg



LS view: overview of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.01	Rating **	M	Issue No.	77	
LM End	17.01	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.221838 °	37.221838 °	
				-120.780230 °	-120.780230 °	
DWR ID	19577					
Comment Code						
Inspector Comment						
FS_ID:70704 DS_ID:19577 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Concrete headwall is buried by dense vegetation. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.01). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.01)]. FS Date: 11/16/2020						

LM Start	17.01	Rating **	M	Issue No.	77 (cont)
LM End	17.01	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70704_90825.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2022_70704_92993.jpg



WS view: overview of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.01	Rating **	M	Issue No.	77 (cont)
LM End	17.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.221838 °	37.221838 °
				-120.780230 °	-120.780230 °
DWR ID	19577				

Photo 3 of 3 : UCIP_SP_2022_70704_92991.jpg



WS view: pipe and flap gate visible on WS toe.

LM Start	17.19	Rating **	M	Issue No.	78
LM End	17.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302 °	37.219302 °
				-120.779475 °	-120.779475 °
DWR ID	19578				

Comment Code

Inspector Comment

FS_ID:70705
DS_ID:19578
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup inside pipe visible from landward side. Recommend clearing pipe. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.20). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.19)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70705_93002.jpg



Overview of levee crown looking upstream towards pipe crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.19	Rating **	M	Issue No.	78 (cont)
LM End	17.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302 °	37.219302 °
				-120.779475 °	-120.779475 °
DWR ID	19578				

Photo 2 of 3 : UCIP_SP_2022_70705_93003.jpg



WS view: overview of WS.

LM Start	17.19	Rating **	M	Issue No.	78 (cont)
LM End	17.19	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70705_93000.jpg



WS view: pipe outlet visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.26	Rating **	M	Issue No.	79
LM End	17.26	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.218332 °	37.218332 °	
			-120.779459 °	-120.779459 °	
DWR ID	19579				

Comment Code

Inspector Comment

FS_ID:70706
DS_ID:19579
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Debris is blocking flapgate on the WS inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 15.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.27). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.26)].
FS Date: 11/16/2020

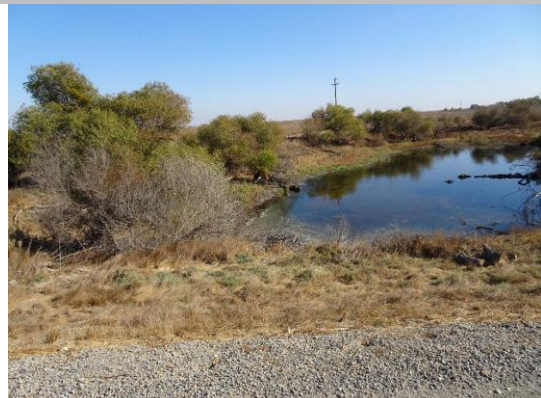
LM Start	17.26	Rating **	M	Issue No.	79 (cont)
LM End	17.26	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70706_90834.jpg



Overview of levee crown looking upstream towards crossing.

Photo 2 of 3 : UCIP_SP_2022_70706_90835.jpg



LS view: overview of LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.26	Rating **	M	Issue No.	79 (cont)
LM End	17.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.218332 °	37.218332 °
				-120.779459 °	-120.779459 °
DWR ID	19579				

Photo 3 of 3 : UCIP_SP_2022_70706_90836.jpg



WS view: overview of WS, photo 1 of 2.

LM Start	17.52	Rating **	U	Issue No.	80
LM End	17.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.215976 °	37.215976 °
				-120.777615 °	-120.777615 °
DWR ID	19580				

Comment Code

Inspector Comment

FS_ID:70707
 DS_ID:19580
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. Pipe in failed condition on the LS. Potential sink hole located about 1 foot from the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.53). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.53)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70707_90843.jpg



Overview of levee crown, looking US

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	17.52	Rating **	U	Issue No.	80 (cont)
LM End	17.52	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.215976 °	37.215976 °	
			-120.777615 °	-120.777615 °	
DWR ID	19580				

Photo 2 of 3 : UCIP_SP_2022_70707_90844.jpg



WS view: overview of WS. Pipe and flapgate visible on WS toe.

LM Start	17.52	Rating **	U	Issue No.	80 (cont)
LM End	17.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70707_90842.jpg



WS view: Pipe, headwall, and flapgate at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	18.18	Rating **	U	Issue No.	81
LM End	18.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.210998 °	37.210998 °
				-120.768900 °	-120.768900 °
DWR ID	19581				
Comment Code					
Inspector Comment					
FS_ID:70708 DS_ID:19581 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. Considerable damage to the pipe interior is visible from LS toe. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Need to contact owner. Recommend investigating integrity of pipe wall through levee heavy corrosion visible from landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.21). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.19)]. FS Date: 11/16/2020					

LM Start	18.18	Rating **	U	Issue No.	81 (cont)
LM End	18.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70708_90849.jpg



Overview of levee crown looking upstream, photo 1 of 2.

Photo 2 of 3 : UCIP_SP_2022_70708_93033.jpg



Overview of levee crown looking upstream, photo 2 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	18.18	Rating **	U	Issue No.	81 (cont)
LM End	18.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.210998 °	37.210998 °
				-120.768900 °	-120.768900 °
DWR ID	19581				

Photo 3 of 3 : UCIP_SP_2022_70708_90852.jpg



WS view: overview of WS.

LM Start	18.45	Rating **	U	Issue No.	82
LM End	18.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °
				-120.767679 °	-120.767679 °
DWR ID	19582				

Comment Code

Inspector Comment

FS_ID:70709
 DS_ID:19582
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 11/16/2020 Record has been updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. No damage observed on the levee during the field inspection. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.47). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.45)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70709_93037.jpg



Overview of levee crown looking upstream, photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	18.45	Rating **	U	Issue No.	82 (cont)
LM End	18.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °
				-120.767679 °	-120.767679 °
DWR ID	19582				

Photo 2 of 3 : UCIP_SP_2022_70709_90856.jpg



Overview of levee crown looking upstream, photo 2 of 2.

LM Start	18.45	Rating **	U	Issue No.	82 (cont)
LM End	18.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70709_90854.jpg



LS view: overview of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	18.79	Rating **	M	Issue No.	83	
LM End	18.79	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.204966 °	37.204966 °	
				-120.762511 °	-120.762511 °	
DWR ID	19593					
Comment Code						
Inspector Comment						
FS_ID:70711 DS_ID:19593 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Fence located on the WS prevented access to the pipe. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.80). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.79)]. FS Date: 11/16/2020						

LM Start	18.79	Rating **	M	Issue No.	83 (cont)
LM End	18.79	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70711_91059.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2022_70711_91061.jpg



View waterward

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	18.79	Rating **	M	Issue No.	83 (cont)
LM End	18.79	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.204966 °	37.204966 °	
			-120.762511 °	-120.762511 °	
DWR ID	19593				

Photo 3 of 3 : UCIP_SP_2022_70711_91062.jpg



Headwall and pipe at LS toe

LM Start	19.17	Rating **	M	Issue No.	84
LM End	19.17	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202801 °	37.202801 °	
			-120.756209 °	-120.756209 °	
DWR ID	19594				

Comment Code

Inspector Comment

FS_ID:70712
DS_ID:19594
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Unable to locate pipe on the WS. Pipe appears to be buried on WS. Sediment build-up observed at the LS inlet. Recommend sediment removal and evaluation of pipe's purpose. Pipe is currently non-functional. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Recommend adding riser cover on the WS as a safety measure. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Non-functional crossing--pipe is buried on waterward side. Sediment buildup in pipe visible from landward side. Need to coordinate with owner to determine status. If crossing is no longer in use, owner will need to coordinate with DWR Inspector and CVFPB to properly abandon. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.17)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70712_90861.jpg



Overview of levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	84 (cont)
LM End	19.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202801 °	37.202801 °
				-120.756209 °	-120.756209 °
DWR ID	19594				

Photo 2 of 3 : UCIP_SP_2022_70712_90862.jpg



Pipe riser visible on WS slope

LM Start	19.17	Rating **	M	Issue No.	84 (cont)
LM End	19.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70712_90863.jpg



View landward

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	19.53	Rating **	M	Issue No.	88	
LM End	19.53	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.199427 °		37.199427 °
				-120.760235 °		-120.760235 °
DWR ID	19596					
Comment Code						
Inspector Comment						
FS_ID:70716 DS_ID:19596 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Dense vegetation blocks both waterward and landward headwalls. Sediment buildup in pipe visible from landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.54). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.54)]. FS Date: 11/16/2020						

LM Start	19.53	Rating **	M	Issue No.	88 (cont)
LM End	19.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70716_90890.jpg



WS view: overview of WS

Photo 2 of 3 : UCIP_SP_2022_70716_90889.jpg



WS view: concrete headwall, flap gate, and WS slope visible on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	19.53	Rating **	M	Issue No.	88 (cont)
LM End	19.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.199427 °	37.199427 °
				-120.760235 °	-120.760235 °
DWR ID	19596				

Photo 3 of 3 : UCIP_SP_2022_70716_90891.jpg



LS view: overview of LS

LM Start	20.18	Rating **	M	Issue No.	90
LM End	20.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194669 °	37.194669 °
				-120.759736 °	-120.759736 °
DWR ID	19598				

Comment Code

Inspector Comment

FS_ID:70718
 DS_ID:19598
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Limited access due to steep slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Recommend removing vegetation and sediment buildup from both waterward and landward concrete headwalls. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 20.19). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.18)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2022_70718_90903.jpg



Overview of levee crown looking upstream

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	20.18	Rating **	M	Issue No.	90 (cont)
LM End	20.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194669 °	37.194669 °
				-120.759736 °	-120.759736 °
DWR ID	19598				

Photo 2 of 3 : UCIP_SP_2022_70718_93061.jpg



LS view: overview of LS.

LM Start	20.18	Rating **	M	Issue No.	90 (cont)
LM End	20.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70718_93060.jpg



WS view: overview of WS.

LM Start	20.26	Rating **	U	Issue No.	141
LM End	21.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193641 °	37.177626 °
				-120.760183 °	-120.757951 °
DWR ID	DWR_NA0010_01_s_2022_141				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_141_20220412_00308.jpg



View of vegetation on the landside slope looking upstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	20.26	Rating **	M	Issue No.	142
LM End	22.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193632 °	37.167104 °
				-120.760194 °	-120.750272 °
DWR ID	DWR_NA0010_01_s_2022_142				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_118_142_20220412_00311.jpg



View of vegetation growing on the waterside slope. (Spring 2022)

LM Start	20.27	Rating **	M	Issue No.	93	
LM End	20.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.193589 °	37.193589 °	
				-120.760211 °	-120.760211 °	
DWR ID	19600					
Comment Code						
Inspector Comment						
FS_ID:70721 DS_ID:19600 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation and fence on the WS prevented proper inspection of pipe. No permit has been found authorizing this pipe. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP)04/25/2014 Crossing partially submersed--no signs of failure of pipe present along pipe alignment. Recommend contacting owner to determine status of crossing and condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 20.28). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.27)]. FS Date: 11/6/2020						

Photo 1 of 3 : UCIP_SP_2022_70721_66308.jpg



Overview of levee crown at crossing--multiple crossings at this location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	20.27	Rating **	M	Issue No.	93 (cont)
LM End	20.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.193589 °	37.193589 °
				-120.760211 °	-120.760211 °
DWR ID	19600				

Photo 2 of 3 : UCIP_SP_2022_70721_66309.jpg



Multiple crossings visible on waterward side--36 inch CMP is submersed in water.

LM Start	20.27	Rating **	M	Issue No.	93 (cont)
LM End	20.27	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70721_66307.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	21.40	Rating **	M	Issue No.	111	
LM End	21.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.179065 °	37.179065 °	
				-120.761567 °	-120.761567 °	
DWR ID	19603					
Comment Code						
Inspector Comment						
FS_ID:70727 DS_ID:19603 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional--crossing buried on landward side. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.41). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.40)]. FS Date: 5/16/2021						

LM Start	21.40	Rating **	M	Issue No.	111 (cont)
LM End	21.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70727_66312.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2022_70727_66313.jpg



Flap gate half way submersed located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	21.40	Rating **	M	Issue No.	111 (cont)
LM End	21.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179065 °	37.179065 °
				-120.761567 °	-120.761567 °
DWR ID	19603				

Photo 3 of 3 : UCIP_SP_2022_70727_66311.jpg



View of landward side.

LM Start	21.63	Rating **	M	Issue No.	144
LM End	22.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.177609 °	37.168719 °
				-120.757927 °	-120.752609 °
DWR ID	DWR_NA0010_01_s_2022_144				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	21.75	Rating **	M	Issue No.	119	
LM End	21.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.176106 °	37.176106 °	
				-120.756768 °	-120.756768 °	
DWR ID	19604					
Comment Code						
Inspector Comment						
FS_ID:70728 DS_ID:19604 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Non-functional crossing-landward side is buried. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.76)]. FS Date: 5/6/2021 9:50:00 AM						

Photo 1 of 3 : UCIP_SP_2022_70728_65697.jpg



View of waterward side.

LM Start	21.75	Rating **	M	Issue No.	119 (cont)
LM End	21.75	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70728_65695.jpg



Flap gate visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	21.75	Rating **	M	Issue No.	119 (cont)
LM End	21.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.176106 °	37.176106 °
				-120.756768 °	-120.756768 °
DWR ID	19604				

Photo 3 of 3 : UCIP_SP_2022_70728_65696.jpg



View of landward side.

LM Start	22.12	Rating **	M	Issue No.	122
LM End	22.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

Comment Code

Inspector Comment

FS_ID:70729
DS_ID:19605
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Non-functional crossing--landward side is buried. Need to contact owner to determine status. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Wooden headboards on the landside (LS) end. Brass cap No. 31 bench mark (BM) on the headwall on the LS.
[Additional Reference(s): DWR Levee Log, 2002, (HLM 22.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.13)].
FS Date: 5/6/2021 9:50:00 AM

Photo 1 of 3 : UCIP_SP_2022_70729_65709.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/05/2022 04/05/2022	Corey Fujitani

LM Start	22.12	Rating **	M	Issue No.	122 (cont)
LM End	22.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

Photo 2 of 3 : UCIP_SP_2022_70729_65707.jpg



Flap gate visible on waterward side.

LM Start	22.12	Rating **	M	Issue No.	122 (cont)
LM End	22.12	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70729_65708.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	0.06	Rating **	M	Issue No.	25
LM End	6.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.295683 °	37.243355 °
				-120.880082 °	-120.822434 °
DWR ID	DWR_NA0010_02A_s_2022_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_119_25_20220412_00070.jpg



Looking upstream along the waterside slope. (Spring 2022)

LM Start	0.23	Rating **	M	Issue No.	3	
LM End	0.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.293440 °		37.293440 °
				-120.878978 °		-120.878978 °
DWR ID	19652					
Comment Code						
Inspector Comment						
FS_ID:70933 DS_ID:19652 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 Record remains Non-Urgent. There is dense vegetation around the LS pipe inlet, recommend removing to better inspect pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 139 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.24)]. FS Date: 6/8/2021						

Photo 1 of 3 : UCIP_SP_2022_70933_100054.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	3 (cont)
LM End	0.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.293440 °	37.293440 °
				-120.878978 °	-120.878978 °
DWR ID	19652				

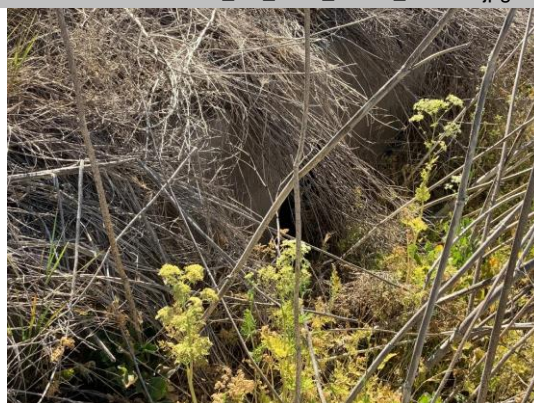
Photo 2 of 3 : UCIP_SP_2022_70933_100058.jpg



LS view: Toe from crown.

LM Start	0.23	Rating **	M	Issue No.	3 (cont)
LM End	0.23	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70933_100059.jpg



LS view: Close up of pipe inlet at toe, vegetation covering opening.

LM Start	0.63	Rating **	M	Issue No.	24
LM End	4.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.288481 °	37.278105 °
				-120.875171 °	-120.832506 °
DWR ID	DWR_NA0010_02A_s_2022_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_119_24_20220412_00071.jpg



View of the landside slope looking downstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	0.66	Rating **	M	Issue No.	4	
LM End	0.66	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.288087 °	37.288087 °	
				-120.874919 °	-120.874919 °	
DWR ID	19653					
Comment Code						
Inspector Comment						
FS_ID:70934 DS_ID:19653 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Some vegetation debris inside LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 138 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.69). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.67)]. FS Date: 6/8/2021						

LM Start	0.66	Rating **	M	Issue No.	4 (cont)
LM End	0.66	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70934_100062.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70934_100063.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	0.66	Rating **	M	Issue No.	4 (cont)
LM End	0.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288087 °	37.288087 °
				-120.874919 °	-120.874919 °
DWR ID	19653				

Photo 3 of 3 : UCIP_SP_2022_70934_100064.jpg



LS view: Slope, headwall, and inlet at toe.

LM Start	0.68	Rating **	U	Issue No.	1
LM End	0.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.287517 °	37.287517 °
				-120.874583 °	-120.874583 °
DWR ID	NA0010U02ARM129.22				
Comment Code					
Inspector Comment					
Site ID: NA0010U02ARM129.22					
07/22/2021: No significant changes were observed since the previous inspection.					
08/20/2020: This site was discovered during the DWR Spring 2012 Levee Inspections. A 250-ft long levee section has completely eroded away and no longer provides adequate flood protection. Note: Unit 2A is in the process of being turned over to State Parks.					

Photo 1 of 3 : SP_2022_NA0010_119_1_20220308_00001.jpg



7/22/2021: View of the erosion and missing levee segment looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	0.68	Rating **	U	Issue No.	1 (cont)
LM End	0.74	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.287517 °	37.287517 °	
			-120.874583 °	-120.874583 °	
DWR ID	NA0010U02ARM129.22				

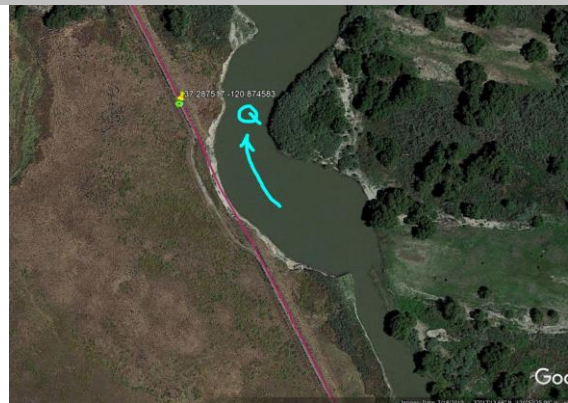
Photo 2 of 3 : SP_2022_NA0010_119_1_20220308_00002.jpg



7/22/2021: View of the eroded levee looking upstream.

LM Start	0.68	Rating **	U	Issue No.	1 (cont)
LM End	0.74	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2022_NA0010_119_1_20220308_00003.jpg



8/20/2020: Aerial view of the erosion site (Google Earth Imagery from 7/18/2019).

LM Start	0.74	Rating **	M	Issue No.	26
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.287094 °	37.287094 °
				-120.874422 °	-120.874422 °
DWR ID	DWR_NA0010_02A_s_2022_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow caved in along the landside toe. The toe is used in this section to bypass the erosion through the levee crown.					

Photo 1 of 1 : SP_2022_NA0010_119_26_20220412_00072.jpg



Ground on the landside toe collapsed from rodent activity. (Spring 2022)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.01	Rating **	M	Issue No.	5	
LM End	1.01	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.284889 °	37.284889 °	
				-120.871352 °	-120.871352 °	
DWR ID	19654					
Comment Code						
Inspector Comment						
FS_ID:70935 DS_ID:19654 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation on LS slope, could not inspect pipe inlet, recommend clearing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 137 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.03). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.02)]. FS Date: 6/8/2021						

LM Start	1.01	Rating **	M	Issue No.	5 (cont)
LM End	1.01	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70935_100074.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70935_100075.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.01	Rating **	M	Issue No.	5 (cont)
LM End	1.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284889 °	37.284889 °
				-120.871352 °	-120.871352 °
DWR ID	19654				

Photo 3 of 3 : UCIP_SP_2022_70935_100076.jpg



LS view: Close up of pipe inlet and headwall, covered by vegetation.

LM Start	1.21	Rating **	M	Issue No.	6
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

Comment Code

Inspector Comment

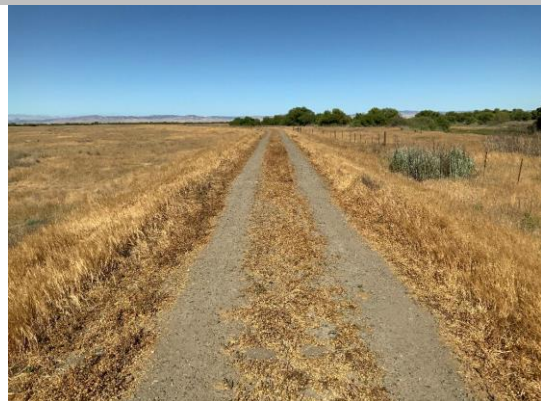
FS_ID:70936
DS_ID:19655
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation over LS pipe inlet, recommend clearing out for easier pipe inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 136 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.23). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.22)].

FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_70936_100079.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	6 (cont)
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

Photo 2 of 3 : UCIP_SP_2022_70936_100080.jpg



LS view: Toe from crown.

LM Start	1.21	Rating **	M	Issue No.	6 (cont)
LM End	1.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70936_100081.jpg



LS view: Headwall and inlet barely visible at toe due to vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.33	Rating **	M	Issue No.	7	
LM End	1.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.286463 °	37.286463 °	
				-120.865997 °	-120.865997 °	
DWR ID	19656					
Comment Code						
Inspector Comment						
FS_ID:70937 DS_ID:19656 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation limits inspection of pipe inlet, headwall and inlet not visible at all, recommend clearing. WS flapgate seen with vegetation sticking out of it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.34)]. FS Date: 6/8/2021						

LM Start	1.33	Rating **	M	Issue No.	7 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70937_100086.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70937_100087.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.33	Rating **	M	Issue No.	7 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286463 °	37.286463 °
				-120.865997 °	-120.865997 °
DWR ID	19656				

Photo 3 of 3 : UCIP_SP_2022_70937_100088.jpg



LS view: Slope from just above toe.

LM Start	1.61	Rating **	M	Issue No.	8
LM End	1.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288599 °	37.288599 °
				-120.862007 °	-120.862007 °
DWR ID	19657				

Comment Code

Inspector Comment

FS_ID:70938
 DS_ID:19657
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. Both WS and LS pipe ends are heavily vegetated. Headwalls and flapgate were just barely visible, recommend removal of vegetation on both sides. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.63). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.62)].
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_70938_100094.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.61	Rating **	M	Issue No.	8 (cont)
LM End	1.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288599 °	37.288599 °
				-120.862007 °	-120.862007 °
DWR ID	19657				

Photo 2 of 3 : UCIP_SP_2022_70938_100095.jpg



LS view: Toe from crown.

LM Start	1.61	Rating **	M	Issue No.	8 (cont)
LM End	1.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70938_100096.jpg



LS view: Headwall and inlet covered in vegetation at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.85	Rating **	M	Issue No.	9	
LM End	1.85	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.290836 °	37.290836 °	
				-120.858882 °	-120.858882 °	
DWR ID	19658					
Comment Code						
Inspector Comment						
FS_ID:70939 DS_ID:19658 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.88). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.86)]. FS Date: 6/8/2021						

LM Start	1.85	Rating **	M	Issue No.	9 (cont)
LM End	1.85	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70939_100100.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70939_100101.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	1.85	Rating **	M	Issue No.	9 (cont)
LM End	1.85	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.290836 °	37.290836 °	
			-120.858882 °	-120.858882 °	
DWR ID	19658				

Photo 3 of 3 : UCIP_SP_2022_70939_100102.jpg



LS view: Slope and headwall from toe.

LM Start	2.28	Rating **	M	Issue No.	10
LM End	2.28	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.291686 °	37.291686 °	
			-120.851475 °	-120.851475 °	
DWR ID	19659				

Comment Code

Inspector Comment

FS_ID:70940
 DS_ID:19659
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. LS pipe inlet covered by trash and debris, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.32). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.30)].
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_70940_100109.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.28	Rating **	M	Issue No.	10 (cont)
LM End	2.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291686 °	37.291686 °
				-120.851475 °	-120.851475 °
DWR ID	19659				

Photo 2 of 3 : UCIP_SP_2022_70940_100113.jpg



LS view: Toe from crown.

LM Start	2.28	Rating **	M	Issue No.	10 (cont)
LM End	2.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70940_100107.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.30	Rating **	M	Issue No.	11	
LM End	2.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.291532 °	37.291532 °	
				-120.851203 °	-120.851203 °	
DWR ID	19660					
Comment Code						
Inspector Comment						
FS_ID:70941 DS_ID:19660 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Vegetation present at pipe inlet on LS, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.34). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.32)]. FS Date: 6/8/2021						

LM Start	2.30	Rating **	M	Issue No.	11 (cont)
LM End	2.30	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70941_100116.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70941_100117.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.30	Rating **	M	Issue No.	11 (cont)
LM End	2.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291532 °	37.291532 °
				-120.851203 °	-120.851203 °
DWR ID	19660				

Photo 3 of 3 : UCIP_SP_2022_70941_100118.jpg



LS view: Slope and headwall at toe.

LM Start	2.58	Rating **	M	Issue No.	12
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.289487 °	37.289487 °
				-120.846941 °	-120.846941 °
DWR ID	19661				

Comment Code

Inspector Comment

FS_ID:70942
DS_ID:19661
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/8/2021 The record remains Non-Urgent.
Vegetation on LS and WS limited close up inspection of flapgate and pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.60). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.59)].
FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_70942_100127.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.58	Rating **	M	Issue No.	12 (cont)
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.289487 °	37.289487 °
				-120.846941 °	-120.846941 °
DWR ID	19661				

Photo 2 of 3 : UCIP_SP_2022_70942_100126.jpg



LS view: Toe from crown.

LM Start	2.58	Rating **	M	Issue No.	12 (cont)
LM End	2.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70942_100121.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.95	Rating **	M	Issue No.	13	
LM End	2.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.284326 °	37.284326 °	
				-120.845157 °	-120.845157 °	
DWR ID	19662					
Comment Code						
Inspector Comment						
FS_ID:70943 DS_ID:19662 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried in sediment, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.97). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.96)]. FS Date: 6/7/2021						

LM Start	2.95	Rating **	M	Issue No.	13 (cont)
LM End	2.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70943_100132.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70943_100133.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	2.95	Rating **	M	Issue No.	13 (cont)
LM End	2.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284326 °	37.284326 °
				-120.845157 °	-120.845157 °
DWR ID	19662				

Photo 3 of 3 : UCIP_SP_2022_70943_100134.jpg



LS view: Slope from toe.

LM Start	3.28	Rating **	M	Issue No.	14
LM End	3.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

Comment Code

Inspector Comment

FS_ID:70944
DS_ID:19665
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation limited view and inspection of LS pipe inlet. Recommend removal of LS vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.31). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.29)].
FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70944_100137.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	3.28	Rating **	M	Issue No.	14 (cont)
LM End	3.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

Photo 2 of 3 : UCIP_SP_2022_70944_100142.jpg



LS view: Toe from crown, pipe end not visible.

LM Start	3.28	Rating **	M	Issue No.	14 (cont)
LM End	3.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70944_100136.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	3.61	Rating **	M	Issue No.	15
LM End	3.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278203 °	37.278203 °
				-120.839884 °	-120.839884 °
DWR ID	19666				
Comment Code					
Inspector Comment					
FS_ID:70945 DS_ID:19666 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS has boards blocking the open pipe inlet but there is significant sediment and vegetation on the other side of the boards, recommend cleaning around. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.63). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.62)]. FS Date: 6/7/2021					

LM Start	3.61	Rating **	M	Issue No.	15 (cont)
LM End	3.61	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70945_100146.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70945_100148.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	3.61	Rating **	M	Issue No.	15 (cont)
LM End	3.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278203 °	37.278203 °
				-120.839884 °	-120.839884 °
DWR ID	19666				

Photo 3 of 3 : UCIP_SP_2022_70945_100149.jpg



LS view: Slope from toe.

LM Start	3.69	Rating **	A/W	Issue No.	23
LM End	3.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.278949 °	37.278949 °
				-120.838776 °	-120.838776 °
DWR ID	DWR_NA0010_02A_f_2020_23				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_119_23_20220308_00005.jpg



Rutting along the levee crown. (Fall 2020)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	3.94	Rating **	M	Issue No.	16	
LM End	3.94	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.279704 °	37.279704 °	
				-120.834709 °	-120.834709 °	
DWR ID	19667					
Comment Code						
Inspector Comment						
FS_ID:70946 DS_ID:19667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation around LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Signs of erosion or sink hole present on landward toe--Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.96). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.95)]. FS Date: 6/7/2021						

LM Start	3.94	Rating **	M	Issue No.	16 (cont)
LM End	3.94	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70946_100154.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70946_100155.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	3.94	Rating **	M	Issue No.	16 (cont)
LM End	3.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279704 °	37.279704 °
				-120.834709 °	-120.834709 °
DWR ID	19667				

Photo 3 of 3 : UCIP_SP_2022_70946_100156.jpg



LS view: Slope from toe.

LM Start	5.41	Rating **	M	Issue No.	17
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260069 °	37.260069 °
				-120.831768 °	-120.831768 °
DWR ID	19668				

Comment Code

Inspector Comment

FS_ID:70947
 DS_ID:19668
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. Limited inspection on WS due to dense vegetation, flapgate not visible, recommend clearing away. Limited inspection on LS due to canal limiting access to inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.43)].
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70947_100159.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	5.41	Rating **	M	Issue No.	17 (cont)
LM End	5.41	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.260069 °	37.260069 °	
			-120.831768 °	-120.831768 °	
DWR ID	19668				

Photo 2 of 3 : UCIP_SP_2022_70947_100162.jpg



LS view: Toe from crown.

LM Start	5.41	Rating **	M	Issue No.	17 (cont)
LM End	5.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70947_100163.jpg



LS view: Slope from toe.

LM Start	5.51	Rating **	M	Issue No.	27
LM End	6.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258920 °	37.244116 °
				-120.830711 °	-120.822639 °
DWR ID	DWR_NA0010_02A_s_2022_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	6.03	Rating **	M	Issue No.	18	
LM End	6.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.253527 °	37.253527 °	
				-120.823991 °	-120.823991 °	
DWR ID	19669					
Comment Code						
Inspector Comment						
FS_ID:70948 DS_ID:19669 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried under sediment, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.06)]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP_SP_2022_70948_100164.jpg



Levee crown looking downstream.

LM Start	6.03	Rating **	M	Issue No.	18 (cont)
LM End	6.03	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70948_100168.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	6.03	Rating **	M	Issue No.	18 (cont)
LM End	6.03	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253527 °	37.253527 °	
			-120.823991 °	-120.823991 °	
DWR ID	19669				

Photo 3 of 3 : UCIP_SP_2022_70948_100169.jpg



LS view: Slope from toe.

LM Start	6.47	Rating **	M	Issue No.	19
LM End	6.47	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.248210 °	37.248210 °	
			-120.823120 °	-120.823120 °	
DWR ID	19670				

Comment Code

Inspector Comment

FS_ID:70949
DS_ID:19670
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Limited inspection on LS due to canal and inability to access. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.50). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.50)].
FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70949_100173.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	6.47	Rating **	M	Issue No.	19 (cont)
LM End	6.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248210 °	37.248210 °
				-120.823120 °	-120.823120 °
DWR ID	19670				

Photo 2 of 3 : UCIP_SP_2022_70949_100177.jpg



LS view: Toe from crown.

LM Start	6.47	Rating **	M	Issue No.	19 (cont)
LM End	6.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70949_100171.jpg



LS view: Close up of concrete box and pipe inlet.

LM Start	6.97	Rating **	A/W	Issue No.	28
LM End	6.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.241125 °	37.241125 °
				-120.821747 °	-120.821747 °
DWR ID	DWR_NA0010_02A_f_2017_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_119_28_20220308_00008.jpg



Looking northwest at landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	7.02	Rating **	M	Issue No.	20
LM End	7.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				
Comment Code					
Inspector Comment					
FS_ID:70950 DS_ID:19671 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation on WS limited inspection. LS pipe inlet is completely buried under sediment, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Pipe extension visible on landward side--need to contact owner for additional information about extension/modification. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.05)]. FS Date: 6/7/2021					

LM Start	7.02	Rating **	M	Issue No.	20 (cont)
LM End	7.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70950_100180.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70950_100181.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	7.02	Rating **	M	Issue No.	20 (cont)
LM End	7.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				

Photo 3 of 3 : UCIP_SP_2022_70950_100182.jpg



LS view: Slope from toe.

LM Start	7.74	Rating **	M	Issue No.	22
LM End	7.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232650 °	37.232650 °
				-120.813363 °	-120.813363 °
DWR ID	19673				

Comment Code

Inspector Comment

FS_ID:70952
DS_ID:19673
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe end not visible, dense vegetation on both WS and LS ends, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.77)].
FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70952_100189.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/04/2022 04/08/2022	Corey Fujitani

LM Start	7.74	Rating **	M	Issue No.	22 (cont)
LM End	7.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232650 °	37.232650 °
				-120.813363 °	-120.813363 °
DWR ID	19673				

Photo 2 of 3 : UCIP_SP_2022_70952_100190.jpg



LS view: Headwall and inlet not visible under vegetation.

LM Start	7.74	Rating **	M	Issue No.	22 (cont)
LM End	7.74	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70952_100191.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	7.87	Rating **	M	Issue No.	16
LM End	11.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.231246 °	37.204359 °
				-120.811818 °	-120.771238 °
DWR ID	DWR_NA0010_02B_s_2022_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_16_20220412_00049.jpg



Looking upstream along the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	2	
LM End	8.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.228343 °	37.228343 °	
				-120.808789 °	-120.808789 °	
DWR ID	19674					
Comment Code						
Inspector Comment						
FS_ID:70953 DS_ID:19674 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS headwall barely visible at toe due to dense vegetation. Dense vegetation also over WS flapgate. Limited inspection of both WS and LS pipe ends. Recommend removal of vegetation on both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope and landward headwall. Recommend removing vegetation along pipe alignment and toe to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.17). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.16)]. FS Date: 6/7/2021						

LM Start	8.13	Rating **	M	Issue No.	2 (cont)
LM End	8.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70953_100048.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70953_100042.jpg



LS view: Slope from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	2 (cont)
LM End	8.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228343 °	37.228343 °
				-120.808789 °	-120.808789 °
DWR ID	19674				

Photo 3 of 3 : UCIP_SP_2022_70953_100043.jpg



LS view: Headwall barely visible at toe.

LM Start	8.31	Rating **	M	Issue No.	17
LM End	11.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.226588 °	37.204391 °
				-120.806307 °	-120.771274 °
DWR ID	DWR_NA0010_02B_s_2022_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_17_20220412_00050.jpg



View of vegetation on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	3	
LM End	8.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.225241 °	37.225241 °	
				-120.804286 °	-120.804286 °	
DWR ID	19675					
Comment Code						
Inspector Comment						
FS_ID:70954 DS_ID:19675 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried in dense vegetation, only top of headwall visible. Dense vegetation above WS flapgate. Limited inspection of pipe ends, recommend vegetation removal on both sides. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/2014 Dense vegetation on landward toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward slope. Recommend removing vegetation along pipe alignment toe to conduct proper inspection of structure. Sediment buildup in pipe--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.49). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.48)]. FS Date: 6/7/2021						

LM Start	8.46	Rating **	M	Issue No.	3 (cont)
LM End	8.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70954_100340.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70954_100341.jpg



LS view: Toe and slope from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	3 (cont)	
LM End	8.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.225241 °	37.225241 °	
				-120.804286 °	-120.804286 °	
DWR ID	19675					

Photo 3 of 3 : UCIP_SP_2022_70954_100342.jpg



LS view: Slope from toe, top of headwall visible.

LM Start	8.83	Rating **	M	Issue No.	4
LM End	8.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222271 °	37.222271 °
				-120.798705 °	-120.798705 °
DWR ID	19676				

Photo 1 of 3 : UCIP_SP_2022_70955_100347.jpg



Levee crown looking downstream.

Comment Code					
Inspector Comment					
FS_ID:70955 DS_ID:19676 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation around LS pipe end, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Burrow activity present on waterward slope. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.88). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded as HLM 9.86, should be HLM 8.86)]. FS Date: 6/7/2021					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	8.83	Rating **	M	Issue No.	4 (cont)	
LM End	8.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.222271 °	37.222271 °	
				-120.798705 °	-120.798705 °	
DWR ID	19676					

Photo 2 of 3 : UCIP_SP_2022_70955_100348.jpg



LS view: Toe from crown.

LM Start	8.83	Rating **	M	Issue No.	4 (cont)
LM End	8.83	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70955_100349.jpg



LS view: Slope above headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.00	Rating **	M	Issue No.	5	
LM End	9.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220888 °	37.220888 °	
				-120.796394 °	-120.796394 °	
DWR ID	19677					
Comment Code						
Inspector Comment						
FS_ID:70956 DS_ID:19677 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Minor vegetation over LS pipe inlet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.03). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.02)]. FS Date: 6/7/2021						

LM Start	9.00	Rating **	M	Issue No.	5 (cont)
LM End	9.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70956_100353.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70956_100354.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.00	Rating **	M	Issue No.	5 (cont)
LM End	9.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220888 °	37.220888 °
				-120.796394 °	-120.796394 °
DWR ID	19677				

Photo 3 of 3 : UCIP_SP_2022_70956_100355.jpg



LS view: Slope and headwall at toe.

LM Start	9.17	Rating **	M	Issue No.	6
LM End	9.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220520 °	37.220520 °
				-120.793277 °	-120.793277 °
DWR ID	19678				

Comment Code

Inspector Comment

FS_ID:70957
DS_ID:19678
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/7/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation over LS pipe inlet limited inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.21). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.20)].
FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70957_100361.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.17	Rating **	M	Issue No.	6 (cont)
LM End	9.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220520 °	37.220520 °
				-120.793277 °	-120.793277 °
DWR ID	19678				

Photo 2 of 3 : UCIP_SP_2022_70957_100362.jpg



LS view: Toe from crown.

LM Start	9.17	Rating **	M	Issue No.	6 (cont)
LM End	9.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70957_100363.jpg



LS view: Top of headwall visible, pipe inlet covered with dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.43	Rating **	U	Issue No.	7	
LM End	9.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220227 °	37.220227 °	
				-120.788634 °	-120.788634 °	
DWR ID	19686					
Comment Code						
Inspector Comment						
FS_ID:70958 DS_ID:19686 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5.0. Crossing will be monitored until funding becomes available to address the issues. Some rusting and peeling of liner inside LS pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.47). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.46)]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP_SP_2022_70958_100369.jpg



Levee crown looking downstream.

LM Start	9.43	Rating **	U	Issue No.	7 (cont)
LM End	9.43	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70958_100370.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.43	Rating **	U	Issue No.	7 (cont)
LM End	9.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220227 °	37.220227 °
				-120.788634 °	-120.788634 °
DWR ID	19686				

Photo 3 of 3 : UCIP_SP_2022_70958_100371.jpg



LS view: Slope and headwall at toe.

LM Start	9.60	Rating **	M	Issue No.	15
LM End	9.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.220783 °	37.220783 °
				-120.785729 °	-120.785729 °
DWR ID	DWR_NA0010_02B_f_2020_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree limbs on the waterside slope.					

Photo 1 of 1 : SP_2022_NA0010_120_15_20220308_00003.jpg



Tree limb on the waterside slope. (Fall 2020)

LM Start	9.85	Rating **	M	Issue No.	18
LM End	9.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.217702 °	37.217702 °
				-120.784130 °	-120.784130 °
DWR ID	DWR_NA0010_02B_s_2022_18				
Comment Code					
T6 : Trees / Falling Tree.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_18_20220412_00051.jpg



Fallen tree branches on the landside slope. (Spring 2022)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	9.90	Rating **	M	Issue No.	19
LM End	9.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.217010 °	37.217010 °
				-120.784018 °	-120.784018 °
DWR ID	DWR_NA0010_02B_s_2022_19				
Comment Code					
T6 : Trees / Falling Tree.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_19_20220412_00052.jpg



View of tree limbs fallen on the landside toe. (Spring 2020)

LM Start	10.09	Rating **	M	Issue No.	8	
LM End	10.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.214229 °	37.214229 °	
				-120.784350 °	-120.784350 °	
DWR ID	19687					
Comment Code						
Inspector Comment						
FS_ID:70959 DS_ID:19687 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Some sediment buildup inside LS pipe inlet. LS pipe inlet also covered by some vegetation. Recommend cleaning out sediment and removing vegetation. WS flapgate partially underwater and covered by vegetation, limited inspection of both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.12)]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP_SP_2022_70959_100376.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	10.09	Rating **	M	Issue No.	8 (cont)
LM End	10.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.214229 °	37.214229 °
				-120.784350 °	-120.784350 °
DWR ID	19687				

Photo 2 of 3 : UCIP_SP_2022_70959_100377.jpg



LS view: Toe from crown.

LM Start	10.09	Rating **	M	Issue No.	8 (cont)
LM End	10.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70959_100378.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	10.78	Rating **	M	Issue No.	9	
LM End	10.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.206352 °	37.206352 °	
				-120.777634 °	-120.777634 °	
DWR ID	19688					
Comment Code						
Inspector Comment						
FS_ID:70960 DS_ID:19688 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. WS end and flapgate is overgrown with dense vegetation limiting inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.82). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.81)]. FS Date: 6/7/2021						

LM Start	10.78	Rating **	M	Issue No.	9 (cont)
LM End	10.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70960_100384.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70960_100385.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	10.78	Rating **	M	Issue No.	9 (cont)
LM End	10.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.206352 °	37.206352 °
				-120.777634 °	-120.777634 °
DWR ID	19688				

Photo 3 of 3 : UCIP_SP_2022_70960_100386.jpg



LS view: Closeup of pipe inlet and slidegate at toe.

LM Start	10.94	Rating **	M	Issue No.	14
LM End	10.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.205711 °	37.205711 °
				-120.774741 °	-120.774741 °
DWR ID	DWR_NA0010_02B_f_2015_14				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from landside toe.					

Photo 1 of 1 : SP_2022_NA0010_120_14_20220308_00002.jpg



Prunings at landside toe. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	11.14	Rating **	M	Issue No.	10
LM End	11.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204640 °	37.204640 °
				-120.771564 °	-120.771564 °
DWR ID	19689				
Comment Code					
Inspector Comment					
FS_ID:70961 DS_ID:19689 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation covering LS pipe inlet limiting inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.17)]. FS Date: 6/7/2021					

Photo 1 of 3 : UCIP_SP_2022_70961_100388.jpg



Levee crown looking downstream.

LM Start	11.14	Rating **	M	Issue No.	10 (cont)
LM End	11.14	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70961_100389.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	11.14	Rating **	M	Issue No.	10 (cont)	
LM End	11.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.204640 °		37.204640 °
				-120.771564 °		-120.771564 °
DWR ID	19689					

Photo 3 of 3 : UCIP_SP_2022_70961_100390.jpg



LS view: Headwall barely visible at toe, inlet covered in vegetation.

LM Start	11.40	Rating **	M	Issue No.	11
LM End	11.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.201792 °	37.201792 °
				-120.768462 °	-120.768462 °
DWR ID	19690				

Comment Code

Inspector Comment

FS_ID:70962
DS_ID:19690
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation over LS end, cannot see pipe inlet, recommend vegetation removal. WS flapgate has some vegetation covering it, recommend clearing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)

05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Screw gate on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.43)].

FS Date: 6/7/2021

Photo 1 of 3 : UCIP_SP_2022_70962_100394.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	11.40	Rating **	M	Issue No.	11 (cont)	
LM End	11.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.201792 °	37.201792 °	
				-120.768462 °	-120.768462 °	
DWR ID	19690					

Photo 2 of 3 : UCIP_SP_2022_70962_100395.jpg



LS view: Toe from crown, dense vegetation, no pipe visible.

LM Start	11.40	Rating **	M	Issue No.	11 (cont)
LM End	11.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70962_100396.jpg



WS view: Toe from crown.

LM Start	11.43	Rating **	U	Issue No.	20
LM End	11.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.201272 °	37.198031 °
				-120.768446 °	-120.768223 °
DWR ID	DWR_NA0010_02B_s_2022_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_20_20220412_00053.jpg



View of vegetation growing on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	12.09	Rating **	U	Issue No.	23
LM End	12.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193218 °	37.191982 °
				-120.763943 °	-120.764382 °
DWR ID	DWR_NA0010_02B_s_2022_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_23_20220412_00054.jpg



Looking upstream along the waterside slope at dense vegetation. (Spring 2022)

LM Start	12.09	Rating **	U	Issue No.	21
LM End	13.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193218 °	37.172226 °
				-120.763943 °	-120.761194 °
DWR ID	DWR_NA0010_02B_s_2022_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_21_20220412_00055.jpg



View of heavy vegetation on the landside slope. (Spring 2022)

LM Start	12.21	Rating **	M	Issue No.	1
LM End	12.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.191528 °	37.191528 °
				-120.764541 °	-120.764541 °
DWR ID	DWR_NA0010_02B_f_2014_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs are located on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_120_1_20220308_00001.jpg



Fallen tree on the landside slope. (Fall 2020)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	12.46	Rating **	U	Issue No.	24
LM End	13.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.188132 °	37.172226 °
				-120.766132 °	-120.761194 °
DWR ID	DWR_NA0010_02B_s_2022_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_120_24_20220412_00056.jpg



View of the waterside slope looking upstream. (Spring 2022)

LM Start	13.18	Rating **	M	Issue No.	12	
LM End	13.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.179265 °		37.179265 °
				-120.764870 °		-120.764870 °
DWR ID	19663					
Comment Code						
Inspector Comment						
FS_ID:70963 DS_ID:19663 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Sediment buildup inside LS pipe inlet, recommend cleaning out. Dense vegetation over WS end limited inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.5 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.23). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.22)]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP_SP_2022_70963_100400.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	13.18	Rating **	M	Issue No.	12 (cont)
LM End	13.18	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.179265 °	37.179265 °	
			-120.764870 °	-120.764870 °	
DWR ID	19663				

Photo 2 of 3 : UCIP_SP_2022_70963_100402.jpg



LS view: Toe from crown.

LM Start	13.18	Rating **	M	Issue No.	12 (cont)
LM End	13.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70963_100403.jpg



LS view: Slope, headwall, and pipe inlet at toe.

LM Start	13.72	Rating **	M	Issue No.	25
LM End	13.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.172648 °	37.172648 °
				-120.761157 °	-120.761157 °
DWR ID	DWR_NA0010_02B_f_2018_25				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is occurring into the landside bank.					

Photo 1 of 1 : SP_2022_NA0010_120_25_20220308_00011.jpg



View of erosion pocket in the landside slope. (Fall 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/08/2022 04/08/2022	Corey Fujitani

LM Start	13.73	Rating **	M	Issue No.	22
LM End	13.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.172387 °	37.172387 °
				-120.761190 °	-120.761190 °
DWR ID	DWR_NA0010_02B_f_2018_22				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent burrows observed at this location.					

Photo 1 of 1 : SP_2022_NA0010_120_22_20220308_00008.jpg



View of waterside slope looking upstream. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.03	Rating **	M	Issue No.	7
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.111249 °	37.106296 °
				-120.587759 °	-120.585853 °
DWR ID	DWR_NA0010_03_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.19	Rating **	M	Issue No.	67
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.109013 °	37.109013 °
				-120.587799 °	-120.587799 °
DWR ID	DWR_NA0010_03_s_2015_67				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are noted on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_121_67_20220308_00008.jpg



Looking southwest at the landside shoulder.

LM Start	0.31	Rating **	U	Issue No.	11
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107440 °	37.107440 °
				-120.587005 °	-120.587005 °
DWR ID	DWR_NA0010_03_s_2022_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large amount of material displaced on the landside toe.					

Photo 1 of 1 : SP_2022_NA0010_121_11_20220425_00021.jpg

View of several rodent holes with large amounts of material displaced.
(Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.37	Rating **	M	Issue No.	9
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.106799 °	37.106799 °	
			-120.586388 °	-120.586388 °	
DWR ID	DWR_NA0010_03_f_2019_9				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.41	Rating **	M	Issue No.	16
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.106310 °	37.106310 °	
			-120.585859 °	-120.585859 °	
DWR ID	DWR_NA0010_03_f_2018_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are located on land and water side of gate.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	1	
LM End	0.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.106233 °	37.106233 °	
				-120.585797 °	-120.585797 °	
DWR ID	19691					
Comment Code						
Inspector Comment						
FS_ID:70965 DS_ID:19691 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. Dense vegetation over LS pipe inlet, headwall just barely visible, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)						
04/17/2014 Need to contact owner. Recommend removing tall grass on landward slope and clearing sediment build up inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.43). DWR As-Built Specification No. 62-03, Sheet No. 10, 18 June 1962, (HLM 0.43)]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP_SP_2022_70965_101344.jpg



Levee crown looking upstream.

LM Start	0.42	Rating **	M	Issue No.	1 (cont)
LM End	0.42	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70965_101343.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	1 (cont)
LM End	0.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.106233 °	37.106233 °
				-120.585797 °	-120.585797 °
DWR ID	19691				

Photo 3 of 3 : UCIP_SP_2022_70965_101341.jpg



LS view: Toe from crown.

LM Start	0.57	Rating **	U	Issue No.	10
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104343 °	37.104343 °
				-120.584348 °	-120.584348 °
DWR ID	DWR_NA0010_03_s_2021_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_121_10_20220308_00005.jpg



Several large rodent burrows observed at this location. (Spring 2021)

LM Start	0.58	Rating **	M	Issue No.	15
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104260 °	37.101912 °
				-120.584274 °	-120.580490 °
DWR ID	DWR_NA0010_03_s_2021_15				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.76	Rating **	M	Issue No.	2	
LM End	0.76	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.102964 °	37.102964 °	
				-120.581421 °	-120.581421 °	
DWR ID	19692					
Comment Code						
Inspector Comment						
FS_ID:70966 DS_ID:19692 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record has been upgraded from No Action Needed to Non-Urgent. Dense vegetation over LS pipe inlet, headwall barely visible. Minor vegetation on WS, recommend removal on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.77). DWR As-Built Specification No. 62-03, Sheet No. 10, 18 June 1962, (HLM 0.77)]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP_SP_2022_70966_101348.jpg



Levee crown.

LM Start	0.76	Rating **	M	Issue No.	2 (cont)
LM End	0.76	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70966_101349.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.76	Rating **	M	Issue No.	2 (cont)
LM End	0.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.102964 °	37.102964 °
				-120.581421 °	-120.581421 °
DWR ID	19692				

Photo 3 of 3 : UCIP_SP_2022_70966_101350.jpg



LS view: Slope from toe.

LM Start	0.86	Rating **	M	Issue No.	8
LM End	0.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.101821 °	37.101821 °
				-120.580358 °	-120.580358 °
DWR ID	DWR_NA0010_03_f _ 2020_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_121_8_20220308_00004.jpg



Depression in the levee crown from rodent activity. (Fall 2020)

LM Start	1.54	Rating **	C	Issue No.	65	
LM End	1.54	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.094270 °		37.094270 °
				-120.573112 °		-120.573112 °
DWR ID	DWR_NA0010_03_s_2015_65					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	1.70	Rating **	M	Issue No.	12
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.092231 °	37.091302 °
				-120.572337 °	-120.571632 °
DWR ID	DWR_NA0010_03_f _ 2020_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_121_12_20220425_00022.jpg



View of several animal holes in the landside slope. (Spring 2022)

LM Start	1.71	Rating **	M	Issue No.	3
LM End	1.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.092079 °	37.092079 °
				-120.572316 °	-120.572316 °
DWR ID	19693				
Comment Code					
Inspector Comment					
FS_ID:70967 DS_ID:19693 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. There is dense vegetation over LS pipe inlet and WS flapgate, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Sediment buildup in pipe visible from landward side-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.73). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.72). DWR As-Built Specification No. 62-03, Sheet No. 11, 18 June 1962, (HLM 1.72)]. FS Date: 7/12/2021					

Photo 1 of 3 : UCIP_SP_2022_70967_101357.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/21/2022 04/21/2022	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	3 (cont)
LM End	1.71	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.092079 °	37.092079 °	
			-120.572316 °	-120.572316 °	
DWR ID	19693				

Photo 2 of 3 : UCIP_SP_2022_70967_101358.jpg



LS view: Toe from crown.

LM Start	1.71	Rating **	M	Issue No.	3 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70967_101359.jpg



LS view: Slope and headwall from toe.

LM Start	1.77	Rating **	M	Issue No.	17
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.091446 °	37.091446 °
				-120.571777 °	-120.571777 °
DWR ID	DWR_NA0010_03_s_2022_17				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_121_17_20220425_00023.jpg



Multiple rodent burrows observed on the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.24	Rating **	M	Issue No.	7	
LM End	0.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.109933 °	37.109933 °	
				-120.590689 °	-120.590689 °	
DWR ID	19695					
Comment Code						
Inspector Comment						
FS_ID:70974 DS_ID:19695 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS flapgate is underwater and covered by vegetation. LS inlet also covered by vegetation, recommend removal on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Sediment and debris blocking concrete headwall located on waterward side. During inspection water was flowing from landward side to waterward side. Recommend removing sediment to confirm condition of flap gate and pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 18.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.27)]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP_SP_2022_70974_101404.jpg



Levee crown.

LM Start	0.24	Rating **	M	Issue No.	7 (cont)
LM End	0.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70974_101405.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	04/21/2022 04/21/2022	Corey Fujitani

LM Start	0.24	Rating **	M	Issue No.	7 (cont)
LM End	0.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109933 °	37.109933 °
				-120.590689 °	-120.590689 °
DWR ID	19695				

Photo 3 of 3 : UCIP_SP_2022_70974_101406.jpg



LS view: Pipe inlet with water in it at toe.

LM Start	0.36	Rating **	M	Issue No.	11
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.108376 °	37.098382 °
				-120.590413 °	-120.578273 °
DWR ID	DWR_NA0010_04_s_2022_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_122_11_20220425_00025.jpg



Looking upstream along the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.08	Rating **	M	Issue No.	4
LM End	0.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				
Comment Code					
Inspector Comment					
FS_ID:70983 DS_ID:19756 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Some soil sloughing/erosion on the WS slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/09/2014 Debris blocking landward headwall--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 8.6 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.07). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.07)]. FS Date: 6/1/2021					

Photo 1 of 3 : UCIP_SP_2022_70983_99634.jpg



levee crown looking downstream.

LM Start	0.08	Rating **	M	Issue No.	4 (cont)
LM End	0.08	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_70983_99635.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.08	Rating **	M	Issue No.	4 (cont)
LM End	0.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				

Photo 3 of 3 : UCIP_SP_2022_70983_99637.jpg



LS view: Slope and headwall at toe.

LM Start	0.60	Rating **	M	Issue No.	7
LM End	0.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273945 °	37.273945 °
				-120.815835 °	-120.815835 °
DWR ID	19757				

Comment Code

Inspector Comment

FS_ID:70986
DS_ID:19757
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/09/2014 Excess debris on landward headwall--recommend clearing. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.58). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.59). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (Station -2+15)].
FS Date: 6/1/2021

Photo 1 of 3 : UCIP_SP_2022_70986_99654.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.60	Rating **	M	Issue No.	7 (cont)
LM End	0.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273945 °	37.273945 °
				-120.815835 °	-120.815835 °
DWR ID	19757				

Photo 2 of 3 : UCIP_SP_2022_70986_99655.jpg



LS view: Slope and headwall from toe.

LM Start	0.60	Rating **	M	Issue No.	7 (cont)
LM End	0.60	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70986_99656.jpg



LS view: Close up of pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.65	Rating **	U	Issue No.	8
LM End	0.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273398 °	37.273398 °
				-120.815082 °	-120.815082 °
DWR ID	19758				

Comment Code

Inspector Comment

FS_ID:70987
DS_ID:19758
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/1/2021 Record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No closeup inspection of LS pipe end due to dense vegetation and barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. Cobble revetment around both ends. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.64). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.65). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 0.65)].
FS Date: 6/1/2021

LM Start	0.65	Rating **	U	Issue No.	8 (cont)
LM End	0.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70987_99659.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70987_99660.jpg



LS view: Headwall barely visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.65	Rating **	U	Issue No.	8 (cont)
LM End	0.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273398 °	37.273398 °
				-120.815082 °	-120.815082 °
DWR ID	19758				

Photo 3 of 3 : UCIP_SP_2022_70987_99661.jpg



WS view: Toe from crown.

LM Start	0.85	Rating **	U	Issue No.	10
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271894 °	37.271894 °
				-120.812224 °	-120.812224 °
DWR ID	19759				

Comment Code

Inspector Comment

FS_ID:70988
 DS_ID:19759
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 06/1/2021 Record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.84). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.84). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 0.84)].
 FS Date: 6/1/2021

Photo 1 of 3 : UCIP_SP_2022_70988_99664.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

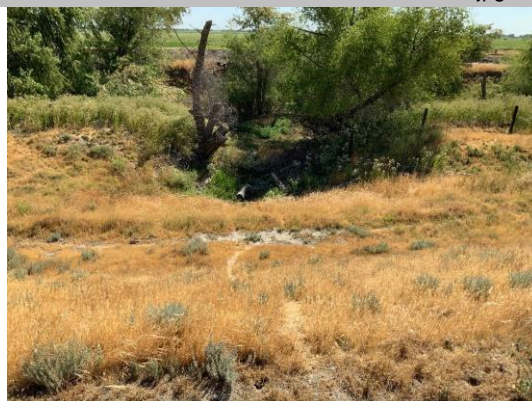
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	0.85	Rating **	U	Issue No.	10 (cont)
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271894 °	37.271894 °
				-120.812224 °	-120.812224 °
DWR ID	19759				

Photo 2 of 3 : UCIP_SP_2022_70988_99668.jpg



LS view: Toe from crown.

LM Start	0.85	Rating **	U	Issue No.	10 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70988_99669.jpg



LS view: Slope and headwall at toe.

LM Start	0.90	Rating **	A/W	Issue No.	154
LM End	0.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.271264 °	37.271264 °
				-120.811934 °	-120.811934 °
DWR ID	DWR_NA0010_05_s_2022_154				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Shallow depression on the lower 1/3 of the waterside slope. Possibly from livestock, but no visible trail leading to the depression.					

Photo 1 of 1 : SP_2022_NA0010_123_154_20220414_00364.jpg



View of minor slope erosion on the waterside. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	1.17	Rating **	M	Issue No.	111
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.268866 °	37.267985 °
				-120.808460 °	-120.807542 °
DWR ID	DWR_NA0010_05_f_2018_111				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree limbs left along the levee toe.					

No Photos

LM Start	1.45	Rating **	M	Issue No.	12	
LM End	1.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °	
				-120.804955 °	-120.804955 °	
DWR ID	19760					
Comment Code						
Inspector Comment						
FS_ID:70989						
DS_ID:19760						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe inlet blocked by barbed wire, could not inspect. Small pipe lodged in the WS flapgate so it cannot be closed all the way, recommend removal before flood season. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)						
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 21.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.44). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.44). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 1.44)].						
FS Date: 6/1/2021						

Photo 1 of 3 : UCIP_SP_2022_70989_99672.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	1.45	Rating **	M	Issue No.	12 (cont)
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °
				-120.804955 °	-120.804955 °
DWR ID	19760				

Photo 2 of 3 : UCIP_SP_2022_70989_99670.jpg



LS view: Toe from crown.

LM Start	1.45	Rating **	M	Issue No.	12 (cont)
LM End	1.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70989_99671.jpg



LS view: Headwall barely visible at toe behind barbed wire.

LM Start	1.53	Rating **	U	Issue No.	156
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265008 °	37.265008 °
				-120.804010 °	-120.804010 °
DWR ID	DWR_NA0010_05_s_2022_156				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows observed. A few appear to penetrate the levee through to the landside.					

Photo 1 of 1 : SP_2022_NA0010_123_156_20220414_00365.jpg



Several rodent holes observed on the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	1.66	Rating **	C	Issue No.	80
LM End	1.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263448 °	37.262225 °
				-120.802715 °	-120.802296 °
DWR ID	DWR_NA0010_05_f_2015_80				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.82	Rating **	M	Issue No.	102
LM End	2.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.256805 °	37.256805 °
				-120.785434 °	-120.785434 °
DWR ID	DWR_NA0010_05_s_2019_102				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_102_20220414_00366.jpg



Tree limb has fallen on the landside slope and toe. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	2.84	Rating **	M	Issue No.	13
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				
Comment Code					
Inspector Comment					
FS_ID:70990 DS_ID:19809 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Barbed wire over LS end, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/09/2014 Log partially blocking inlet at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 15.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.83). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.85). DWR As-Built Specification No. 63-25, Sheet No. 5, 9 May 1963, (HLM 2.85)]. FS Date: 6/1/2021					

LM Start	2.84	Rating **	M	Issue No.	13 (cont)
LM End	2.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70990_99680.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70990_99677.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	2.84	Rating **	M	Issue No.	13 (cont)
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				

Photo 3 of 3 : UCIP_SP_2022_70990_99678.jpg



LS view: Headwall barely visible at toe behind barbed wire.

LM Start	3.23	Rating **	A/W	Issue No.	127
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256278 °	37.256278 °
				-120.778404 °	-120.778404 °
DWR ID	DWR_NA0010_05_s_2022_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_127_20220308_00027.jpg



View of rodent holes in the water side slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	3.34	Rating **	M	Issue No.	14
LM End	3.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255258 °	37.255258 °
				-120.776996 °	-120.776996 °
DWR ID	19810				
Comment Code					
Inspector Comment					
FS_ID:70991 DS_ID:19810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Pipe is eroded through causing holes just behind the WS flapgate. Metal peeling away inside of pipe outlet. Flapgate is rusted with some corrosion. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/15/2014 Pipe corroded through at flapgate on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.33). DWR As-Built Specification No. 63-25, Sheet No. 5, 9 May 1963, (HLM 3.33)]. FS Date: 6/1/2021					

LM Start	3.34	Rating **	M	Issue No.	14 (cont)
LM End	3.34	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70991_99689.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70991_99690.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	3.34	Rating **	M	Issue No.	14 (cont)
LM End	3.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255258 °	37.255258 °
				-120.776996 °	-120.776996 °
DWR ID	19810				

Photo 3 of 3 : UCIP_SP_2022_70991_99691.jpg



LS view: Slope and headwall at toe.

LM Start	3.54	Rating **	M	Issue No.	122
LM End	3.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255182 °	37.255182 °
				-120.773708 °	-120.773708 °
DWR ID	DWR_NA0010_05_f_2019_122				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs fallen on the landside toe should be removed.					

No Photos

LM Start	3.55	Rating **	M	Issue No.	134
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.255202 °	37.255202 °
				-120.773655 °	-120.773655 °
DWR ID	DWR_NA0010_05_f_2018_134				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are located within this section.					

Photo 1 of 1 : SP_2022_NA0010_123_134_20220308_00032.jpg



Looking at typical rodent holes within this section. (Spring 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	3.68	Rating **	M	Issue No.	17	
LM End	3.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.252308 °	37.252308 °	
				-120.768038 °	-120.768038 °	
DWR ID	19811					
Comment Code						
Inspector Comment						
FS_ID:70992 DS_ID:19811 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. Some debris buildup within the LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 15.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.67). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.67). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 3.67)]. FS Date: 6/1/2021						

LM Start	3.68	Rating **	M	Issue No.	17 (cont)
LM End	3.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70992_99696.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70992_99700.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	3.68	Rating **	M	Issue No.	17 (cont)
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252308 °	37.252308 °	
			-120.768038 °	-120.768038 °	
DWR ID	19811				

Photo 3 of 3 : UCIP_SP_2022_70992_99694.jpg



LS view: Slope and headwall at toe.

LM Start	4.02	Rating **	M	Issue No.	18
LM End	4.02	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.248432 °	37.248432 °	
			-120.764066 °	-120.764066 °	
DWR ID	19769				

Comment Code

Inspector Comment

FS_ID:70993
DS_ID:19769
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/1/2021 Record remains Non-Urgent. Some sediment buildup in LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.01). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.02). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.02)].
FS Date: 6/1/2021

Photo 1 of 3 : UCIP_SP_2022_70993_99704.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.02	Rating **	M	Issue No.	18 (cont)
LM End	4.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248432 °	37.248432 °
				-120.764066 °	-120.764066 °
DWR ID	19769				

Photo 2 of 3 : UCIP_SP_2022_70993_99701.jpg



LS view: Toe from crown.

LM Start	4.02	Rating **	M	Issue No.	18 (cont)
LM End	4.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70993_99702.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.27	Rating **	M	Issue No.	19
LM End	4.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246008 °	37.246008 °
				-120.760706 °	-120.760706 °
DWR ID	19770				
Comment Code					
Inspector Comment					
FS_ID:70994 DS_ID:19770 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. Sizable burrow complex on WS slope, with several holes around 3-4 inches wide, recommend filling in for levee integrity. There is also sediment buildup within the LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.27). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.27). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.27)]. FS Date: 6/1/2021					

LM Start	4.27	Rating **	M	Issue No.	19 (cont)
LM End	4.27	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70994_99711.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70994_99714.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.46	Rating **	M	Issue No.	132
LM End	4.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.244183 °	37.244183 °
				-120.758121 °	-120.758121 °
DWR ID	DWR_NA0010_05_f _ 2018_132				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.55	Rating **	M	Issue No.	20
LM End	4.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243668 °	37.243668 °
				-120.756812 °	-120.756812 °
DWR ID	19771				
Comment Code					
Inspector Comment					
FS_ID:70995 DS_ID:19771 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. LS pipe inlet has sediment buildup inside, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.53). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.54). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.54)]. FS Date: 6/1/2021					

Photo 1 of 3 : UCIP_SP_2022_70995_99719.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.55	Rating **	M	Issue No.	20 (cont)
LM End	4.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243668 °	37.243668 °
				-120.756812 °	-120.756812 °
DWR ID	19771				

Photo 2 of 3 : UCIP_SP_2022_70995_99723.jpg



LS view: Toe from crown.

LM Start	4.55	Rating **	M	Issue No.	20 (cont)
LM End	4.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70995_99717.jpg



LS view: Slope and headwall at toe.

LM Start	4.85	Rating **	M	Issue No.	100
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.241127 °	37.241127 °
				-120.752398 °	-120.752398 °
DWR ID	DWR_NA0010_05_s_2021_100				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several burrows and rodents observed at this location. Bait stations have been set up.					

Photo 1 of 1 : SP_2022_NA0010_123_100_20220308_00010.jpg



Several rodent burrows noted at this location. (Spring 2021)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.89	Rating **	M	Issue No.	21	
LM End	4.89	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.240978 °	37.240978 °	
				-120.751613 °	-120.751613 °	
DWR ID	19772					
Comment Code						
Inspector Comment						
FS_ID:70996 DS_ID:19772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 The record remains Non-Urgent. LS pipe inlet has sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.89). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.89). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 4.89)]. FS Date: 6/1/2021						

LM Start	4.89	Rating **	M	Issue No.	21 (cont)
LM End	4.89	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70996_100749.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_70996_100753.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	4.89	Rating **	M	Issue No.	21 (cont)
LM End	4.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240978 °	37.240978 °
				-120.751613 °	-120.751613 °
DWR ID	19772				

Photo 3 of 3 : UCIP_SP_2022_70996_100747.jpg



LS view: Slope and headwall at toe.

LM Start	5.15	Rating **	M	Issue No.	22
LM End	5.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240607 °	37.240607 °
				-120.746916 °	-120.746916 °
DWR ID	19773				

Comment Code

Inspector Comment

FS_ID:70997
DS_ID:19773
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/1/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.14). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.15). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 5.15)].
FS Date: 6/1/2021

Photo 1 of 3 : UCIP_SP_2022_70997_100756.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	5.15	Rating **	M	Issue No.	22 (cont)
LM End	5.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240607 °	37.240607 °
				-120.746916 °	-120.746916 °
DWR ID	19773				

Photo 2 of 3 : UCIP_SP_2022_70997_100760.jpg



LS view: Toe from crown.

LM Start	5.15	Rating **	M	Issue No.	22 (cont)
LM End	5.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_70997_100754.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	5.58	Rating **	M	Issue No.	23	
LM End	5.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °	
				-120.739719 °	-120.739719 °	
DWR ID	19774					
Comment Code						
Inspector Comment						
FS_ID:70998 DS_ID:19774 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. New concrete riser, plastic riser, and flowmeter off the LS toe going away from the levee. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.58). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.58). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 5.58)]. FS Date: 6/1/2021						

LM Start	5.58	Rating **	M	Issue No.	23 (cont)
LM End	5.58	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70998_100766.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_70998_100768.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	5.58	Rating **	M	Issue No.	23 (cont)
LM End	5.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °
				-120.739719 °	-120.739719 °
DWR ID	19774				

Photo 3 of 3 : UCIP_SP_2022_70998_100769.jpg



LS view: Slope from toe.

LM Start	5.94	Rating **	U	Issue No.	138
LM End	5.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236387 °	37.236387 °
				-120.734164 °	-120.734164 °
DWR ID	DWR_NA0010_05_f _ 2018_138				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes are located at this location.					

Photo 1 of 1 : SP_2022_NA0010_123_138_20220308_00034.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	5.99	Rating **	A/W	Issue No.	116
LM End	6.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236236 °	37.231873 °
				-120.733344 °	-120.728310 °
DWR ID	DWR_NA0010_05_f_2017_116				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on both sides of the levee.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	6.35	Rating **	M	Issue No.	24	
LM End	6.35	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.232589 °		37.232589 °
				-120.728822 °		-120.728822 °
DWR ID	19775					
Comment Code						
Inspector Comment						
FS_ID:70999 DS_ID:19775 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS inlet blocked by barbed wire and was inaccessible, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.35). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.35). DWR As-Built Specification No. 63-25, Sheet No. 8, 9 May 1963, (HLM 6.35)]. FS Date: 6/1/2021						

LM Start	6.35	Rating **	M	Issue No.	24 (cont)
LM End	6.35	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_70999_100772.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_70999_100776.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	6.35	Rating **	M	Issue No.	24 (cont)
LM End	6.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232589 °	37.232589 °
				-120.728822 °	-120.728822 °
DWR ID	19775				

Photo 3 of 3 : UCIP_SP_2022_70999_100771.jpg



LS view: Headwall visible at toe behind barbed wire.

LM Start	6.40	Rating **	M	Issue No.	139
LM End	6.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231900 °	37.231900 °
				-120.728345 °	-120.728345 °
DWR ID	DWR_NA0010_05_f_2018_139				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_139_20220308_00035.jpg



View of rodent holes on landside shoulder. (Fall 2018)

LM Start	6.45	Rating **	M	Issue No.	136
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231316 °	37.231316 °
				-120.727875 °	-120.727875 °
DWR ID	DWR_NA0010_05_f_2019_136				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	6.52	Rating **	M	Issue No.	15
LM End	6.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230497 °	37.230497 °
				-120.727263 °	-120.727263 °
DWR ID	DWR_NA0010_05_s_2012_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.56	Rating **	A/W	Issue No.	140
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.230013 °	37.230013 °
				-120.726832 °	-120.726832 °
DWR ID	DWR_NA0010_05_f_2018_140				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion onslope near the gate has been repaired with loose material. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_123_140_20220308_00036.jpg



Erosion on landward slope caused by foot traffic. (Fall 2018)

LM Start	6.59	Rating **	M	Issue No.	159
LM End	7.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.229667 °	37.226424 °
				-120.726328 °	-120.717596 °
DWR ID	DWR_NA0010_05_s_2022_159				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_159_20220414_00367.jpg



View of vegetation on the landside slope looking upstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	6.59	Rating **	A/W	Issue No.	1309
LM End	6.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.229682 °	37.229682 °
				-120.726305 °	-120.726305 °
DWR ID	DWR_NA0010_05_s _ 2015_1309				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
The landside slope has damage caused by animal foot traffic.					

Photo 1 of 1 : SP_2022_NA0010_123_1309_20220308_00065.jpg



Looking upstream at damaged landside slope. (Fall 2018)

LM Start	6.70	Rating **	M	Issue No.	115
LM End	6.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.228861 °	37.228861 °
				-120.724579 °	-120.724579 °
DWR ID	DWR_NA0010_05_f _ 2017_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several squirrels active around the gate on both the land and water side.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	7.36	Rating **	M	Issue No.	25
LM End	7.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224560 °	37.224560 °
				-120.714057 °	-120.714057 °
DWR ID	19761				
Comment Code					
Inspector Comment					
FS_ID:71000 DS_ID:19761 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/9/2021 The record remains Non-Urgent. Sediment buildup in LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.36). DWR As-Built Specification No. 63-25, Sheet No. 8, 9 May 1963, (HLM 7.36)]. FS Date: 6/9/2021					

Photo 1 of 3 : UCIP_SP_2022_71000_100780.jpg



Levee crown looking upstream.

LM Start	7.36	Rating **	M	Issue No.	25 (cont)
LM End	7.36	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71000_100777.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	7.36	Rating **	M	Issue No.	25 (cont)
LM End	7.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224560 °	37.224560 °
				-120.714057 °	-120.714057 °
DWR ID	19761				

Photo 3 of 3 : UCIP_SP_2022_71000_100778.jpg



LS view: Slope and headwall at toe.

LM Start	7.58	Rating **	C	Issue No.	143
LM End	7.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.221509 °	37.220502 °
				-120.713841 °	-120.713221 °
DWR ID	DWR_NA0010_05_f_2021_143				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	7.59	Rating **	M	Issue No.	141
LM End	7.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.221303 °	37.221303 °
				-120.713707 °	-120.713707 °
DWR ID	DWR_NA0010_05_f_2018_141				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	7.68	Rating **	M	Issue No.	27	
LM End	7.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.217839 °	37.217839 °	
				-120.711462 °	-120.711462 °	
DWR ID	19844					
Comment Code						
Inspector Comment						
FS_ID:71002 DS_ID:19844 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 08/01/2018 USACE O&M manual has pipe listed under Unit 10 HLM 0.02, however, based on the current levee alignment pipe is located under Unit 5 CLM 7.68. Discrepancy in pipe O&M reference is based on reference between Historic Levee Alignment and Current Levee Alignment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded as Unit 10 HLM 0.02, located in Unit 5 CLM 7.68)]. FS Date: 6/9/2021						

Photo 1 of 3 : UCIP_SP_2022_71002_100805.jpg



Levee crown looking upstream.

LM Start	7.68	Rating **	M	Issue No.	27 (cont)
LM End	7.68	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71002_100809.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	7.68	Rating **	M	Issue No.	27 (cont)
LM End	7.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.217839 °	37.217839 °
				-120.711462 °	-120.711462 °
DWR ID	19844				

Photo 3 of 3 : UCIP_SP_2022_71002_100803.jpg



LS view: Slope and headwall at toe.

LM Start	7.73	Rating **	C	Issue No.	149
LM End	8.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.217167 °	37.213709 °
				-120.711161 °	-120.706803 °
DWR ID	DWR_NA0010_05_f_2021_149				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	8.09	Rating **	M	Issue No.	104
LM End	8.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.213580 °	37.213580 °
				-120.706550 °	-120.706550 °
DWR ID	DWR_NA0010_05_s_2017_104				
Comment Code					
Inspector Comment					
The gate has completely broken and should be replaced or removed.					

Photo 1 of 1 : SP_2022_NA0010_123_104_20220308_00012.jpg



View of gate broken on the waterside shoulder. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	28	
LM End	8.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.209606 °		37.209606 °
				-120.702069 °		-120.702069 °
DWR ID	19763					
Comment Code						
Inspector Comment						
FS_ID:71003 DS_ID:19763 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/9/2021 The record remains Non-Urgent. Barbed wire over LS pipe inlet, limited inspection due to inaccessability. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/22/2014 Pipe filled with silt on LS toe and should be cleared. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.44). DWR As-Built Specification No. 63-25, Sheet No. 9, 9 May 1963, (HLM 8.44)]. FS Date: 6/9/2021						

LM Start	8.46	Rating **	M	Issue No.	28 (cont)
LM End	8.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71003_100811.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_71003_100815.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	28 (cont)
LM End	8.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.209606 °	37.209606 °
				-120.702069 °	-120.702069 °
DWR ID	19763				

Photo 3 of 3 : UCIP_SP_2022_71003_100816.jpg



LS view: Slidegate visible at the toe behind barbed wire.

LM Start	9.28	Rating **	M	Issue No.	31
LM End	9.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202742 °	37.202742 °
				-120.690064 °	-120.690064 °
DWR ID	19766				

Comment Code

Inspector Comment

FS_ID:71009
DS_ID:19766
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe inlet was underwater during inspection, limited inspection. WS riser is missing half of the cover causing safety hazard. The LS pipe inlet is filled with sediment, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.8 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.26). DWR As-Built Specification No. 61-01, Sheet No. 52, 7 March 1961, (HLM 9.26)].
FS Date: 6/9/2021

Photo 1 of 3 : UCIP_SP_2022_71009_100870.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	9.28	Rating **	M	Issue No.	31 (cont)
LM End	9.28	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202742 °	37.202742 °	
			-120.690064 °	-120.690064 °	
DWR ID	19766				

Photo 2 of 3 : UCIP_SP_2022_71009_100875.jpg



LS view: Toe from crown.

LM Start	9.28	Rating **	M	Issue No.	31 (cont)
LM End	9.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71009_100868.jpg



LS view: Headwall visible at toe, pipe is underwater.

LM Start	9.41	Rating **	M	Issue No.	101
LM End	9.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.201636 °	37.201240 °
				-120.688154 °	-120.687686 °
DWR ID	DWR_NA0010_05_s_2021_101				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_101_20220308_00011.jpg



Multiple rodent holes in the waterside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	10.06	Rating **	M	Issue No.	32
LM End	10.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194736 °	37.194736 °
				-120.680116 °	-120.680116 °
DWR ID	19767				
Comment Code					
Inspector Comment					
FS_ID:71010 DS_ID:19767 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/9/2021 The record remains Non-Urgent. LS pipe inlet is underwater, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/22/2014 Slidegate actuator appears bent and may not work properly (WS slope). (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 15.0 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.05). DWR As-Built Specification No. 61-01, Sheet No. 52, 7 March 1961, (HLM 10.05)]. FS Date: 6/9/2021					

LM Start	10.06	Rating **	M	Issue No.	32 (cont)
LM End	10.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71010_100878.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_71010_100883.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	10.79	Rating **	M	Issue No.	203
LM End	10.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.190285 °	37.190285 °
				-120.668869 °	-120.668869 °
DWR ID	DWR_NA0010_05_s_2020_203				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.37	Rating **	M	Issue No.	144
LM End	11.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187792 °	37.187792 °
				-120.659454 °	-120.659454 °
DWR ID	DWR_NA0010_05_f_2018_144				
Comment Code					
T6 : Trees / Falling Tree.					
Inspector Comment					
Tree limbs on the levee slope should be trimmed to allow access.					

Photo 1 of 1 : SP_2022_NA0010_123_144_20220414_00368.jpg



View of tree limbs on levee slope. (Spring 2022)

LM Start	11.44	Rating **	M	Issue No.	146
LM End	11.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187021 °	37.187021 °
				-120.658564 °	-120.658564 °
DWR ID	DWR_NA0010_05_f_2018_146				
Comment Code					
T6 : Trees / Falling Tree.					
Inspector Comment					
Fallen tree limbs are located on the levee toe.					

Photo 1 of 1 : SP_2022_NA0010_123_146_20220308_00040.jpg



Tree limbs and trunk on levee toe. (Spring 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	11.49	Rating **	U	Issue No.	147
LM End	11.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.186482 °	37.186482 °
				-120.657935 °	-120.657935 °
DWR ID	DWR_NA0010_05_f_2021_147				
Comment Code					
T6 : Trees / Falling Tree.					
Inspector Comment					
Tree limbs are located on landside slope and toe.					

Photo 1 of 1 : SP_2022_NA0010_123_147_20220414_00369.jpg



Tree limbs on levee toe. (Spring 2022)

LM Start	11.49	Rating **	M	Issue No.	34	
LM End	11.49	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.186471 °	37.186471 °	
				-120.657915 °	-120.657915 °	
DWR ID	19768					
Comment Code						
Inspector Comment						
FS_ID:71012						
DS_ID:19768						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)						
FIELD_STRUCT_DESC: [Deadman Drain] 1 of 2: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Slide gate in a 60-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.48). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.48)].						
FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71012_103968.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	34 (cont)
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186471 °	37.186471 °
				-120.657915 °	-120.657915 °
DWR ID	19768				

Photo 2 of 3 : UCIP_SP_2022_71012_103970.jpg



LS view of slope from levee crown.

LM Start	11.49	Rating **	M	Issue No.	34 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71012_103973.jpg



LS view: concrete headwall and inlet pipe visible on slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	11.50	Rating **	M	Issue No.	35	
LM End	11.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.186458 °	37.186458 °	
				-120.657903 °	-120.657903 °	
DWR ID	19734					
Comment Code						
Inspector Comment						
FS_ID:71013 DS_ID:19734 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: [Deadman Drain] 2 of 2: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Slide gate in a 60-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.48). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.48)]. FS Date: 6/22/2021						

LM Start	11.50	Rating **	M	Issue No.	35 (cont)
LM End	11.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71013_104487.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71013_104489.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	11.50	Rating **	M	Issue No.	35 (cont)
LM End	11.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186458 °	37.186458 °
				-120.657903 °	-120.657903 °
DWR ID	19734				

Photo 3 of 3 : UCIP_SP_2022_71013_104486.jpg



LS view: Closeup of inlet at toe.

LM Start	11.65	Rating **	U	Issue No.	36
LM End	11.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.184830 °	37.184830 °
				-120.656016 °	-120.656016 °
DWR ID	19704				

Comment Code

Inspector Comment

FS_ID:71015
DS_ID:19704
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of inlet pipe due to dense vegetation; removal recommended. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.60). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.63). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.63)].
FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2022_71015_103975.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	11.65	Rating **	U	Issue No.	36 (cont)
LM End	11.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.184830 °	37.184830 °
				-120.656016 °	-120.656016 °
DWR ID	19704				

Photo 2 of 3 : UCIP_SP_2022_71015_103977.jpg



LS view: slope from crown.

LM Start	11.65	Rating **	U	Issue No.	36 (cont)
LM End	11.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71015_103980.jpg



LS view: concrete headwall and inlet pipe at toe. Slope visible in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	12.01	Rating **	U	Issue No.	37
LM End	12.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.180291 °	37.180291 °
				-120.653931 °	-120.653931 °
DWR ID	19705				
Comment Code					
Inspector Comment					
FS_ID:71016 DS_ID:19705 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS due to dense vegetation; recommend removal. Erosion around concrete headwall on WS, at least 1 foot in depth. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. Flashboard attachment on the LS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.99). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 11.99)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2022_71016_103982.jpg



View of levee crown.

LM Start	12.01	Rating **	U	Issue No.	37 (cont)
LM End	12.01	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71016_103983.jpg



LS view: slope from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	12.01	Rating **	U	Issue No.	37 (cont)
LM End	12.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.180291 °	37.180291 °
				-120.653931 °	-120.653931 °
DWR ID	19705				

Photo 3 of 3 : UCIP_SP_2022_71016_103989.jpg



LS view: concrete headwall visible at toe.

LM Start	12.40	Rating **	U	Issue No.	38
LM End	12.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175958 °	37.175958 °
				-120.649798 °	-120.649798 °
DWR ID	19706				

Comment Code

Inspector Comment

FS_ID:71017
 DS_ID:19706
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Erosion around concrete headwall on WS, at least 1 foot in length. Limited inspection of LS due to vegetation and sediment; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. Flashboard attachment on the LS end. Pipe crosses levee at a 45-degree angle. [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.38). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 12.38). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 12.38)].
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2022_71017_103999.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	12.88	Rating **	M	Issue No.	158
LM End	12.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175807 °	37.175807 °
				-120.641139 °	-120.641139 °
DWR ID	DWR_NA0010_05_f_2019_158				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limb on the landside slope should be removed.					

Photo 1 of 1 : SP_2022_NA0010_123_158_20220308_00049.jpg



View of downed tree limb on the landside slope. (Fall 2019)

LM Start	12.89	Rating **	M	Issue No.	39
LM End	12.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175816 °	37.175816 °
				-120.640865 °	-120.640865 °
DWR ID	19707				
Comment Code					
Inspector Comment					
FS_ID:71018 DS_ID:19707 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS due to vegetation overgrowth; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Concrete headwall on the landside (LS) end with flashboards. Concrete saddle and apron on the waterside (WS) end with a flap gate. Metal screen at the LS toe inlet. [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.87). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 12.87). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 12.87)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2022_71018_103991.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	12.89	Rating **	M	Issue No.	39 (cont)
LM End	12.89	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.175816 °	37.175816 °	
			-120.640865 °	-120.640865 °	
DWR ID	19707				

Photo 2 of 3 : UCIP_SP_2022_71018_103998.jpg



LS view: concrete headwall and inlet pipe at toe.

LM Start	12.89	Rating **	M	Issue No.	39 (cont)
LM End	12.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71018_103996.jpg



LS view: concrete headwall and inlet pipe.

LM Start	13.01	Rating **	U	Issue No.	2
LM End	13.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175576 °	37.175576 °
				-120.638755 °	-120.638755 °
DWR ID	DWR_NA0010_05_s_2016_2				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There are several downed trees on landside toe.					

Photo 1 of 1 : SP_2022_NA0010_123_2_20220414_00370.jpg



Looking west at down tree at landward toe. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.05	Rating **	M	Issue No.	150
LM End	13.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175314 °	37.175314 °
				-120.638034 °	-120.638034 °
DWR ID	DWR_NA0010_05_f _ 2018_150				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There are tree trimmings on the levee slope and toe.					

Photo 1 of 1 : SP_2022_NA0010_123_150_20220308_00044.jpg



Tree trimmings on landside slope and toe. (Fall 2018)

LM Start	13.15	Rating **	M	Issue No.	152
LM End	13.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.174444 °	37.174444 °
				-120.636589 °	-120.636589 °
DWR ID	DWR_NA0010_05_f_2018_152				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a tree trunk on landside toe.					

Photo 1 of 1 : SP_2022_NA0010_123_152_20220308_00045.jpg



Tree trunk on landside toe. (Fall 2018)

LM Start	13.27	Rating **	M	Issue No.	181
LM End	13.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.173096 °	37.173096 °
				-120.635130 °	-120.635130 °
DWR ID	DWR_NA0010_05_s_2019_181				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.37	Rating **	U	Issue No.	112
LM End	13.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.172033 °	37.172033 °
				-120.634005 °	-120.634005 °
DWR ID	DWR_NA0010_05_s_2021_112				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_112_20220308_00016.jpg



View of tree limbs on the landside toe and slope. (Spring 2021)

LM Start	13.42	Rating **	U	Issue No.	170
LM End	13.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.171545 °	37.171545 °
				-120.633480 °	-120.633480 °
DWR ID	DWR_NA0010_05_s_2022_170				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_170_20220414_00371.jpg



Erosion from livestock on the waterside slope around the pipe crossing. (Spring 2022)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.42	Rating **	M	Issue No.	40	
LM End	13.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °	
				-120.633442 °	-120.633442 °	
DWR ID	19708					
Comment Code						
Inspector Comment						
FS_ID:71019 DS_ID:19708 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection of LS due to water around the inlet at the time of survey. LS inlet has sediment buildup, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/22/2014 Some erosion around headwall on the WS toe and there are animal burrows on both slopes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Flashboard attachment in a concrete U-shaped headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.40). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.40)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71019_104009.jpg



View of levee crown.

LM Start	13.42	Rating **	M	Issue No.	40 (cont)
LM End	13.42	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71019_104014.jpg



LS view from toe: concrete headwall and inlet pipe. Slope visible in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.42	Rating **	M	Issue No.	40 (cont)
LM End	13.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °
				-120.633442 °	-120.633442 °
DWR ID	19708				

Photo 3 of 3 : UCIP_SP_2022_71019_104015.jpg



LS view from toe: closeup of concrete headwall and inlet.

LM Start	13.44	Rating **	U	Issue No.	209
LM End	13.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.171249 °	37.171249 °
				-120.633157 °	-120.633157 °
DWR ID	DWR_NA0010_05_s_2020_209				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree should be removed before it can damage the levee.					

Photo 1 of 1 : SP_2022_NA0010_123_209_20220414_00372.jpg



Dead tree falling over on the landside toe. (Spring 2022)

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.85	Rating **	U	Issue No.	44
LM End	13.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.166760 °	37.166760 °
				-120.628304 °	-120.628304 °
DWR ID	19710				
Comment Code					
Inspector Comment					
FS_ID:71023 DS_ID:19710 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. Subsidence along the WS slope that is at least 1 foot in length. Limited inspection of LS due to vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.84). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.83). DWR As-Built Specification No. 61-01, Sheet No. 55, 7 March 1961, (HLM 13.83)]. FS Date: 6/22/2021					

LM Start	13.85	Rating **	U	Issue No.	44 (cont)
LM End	13.85	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71023_104019.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2022_71023_104020.jpg



LS view: slope to toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	13.85	Rating **	U	Issue No.	44 (cont)
LM End	13.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.166760 °	37.166760 °
				-120.628304 °	-120.628304 °
DWR ID	19710				

Photo 3 of 3 : UCIP_SP_2022_71023_104025.jpg



LS view of slope from toe.

LM Start	14.39	Rating **	M	Issue No.	3
LM End	14.45	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.162949 °	37.162949 °
				-120.619138 °	-120.619138 °
DWR ID	NA0010U05RM12.22				
Comment Code					

Inspector Comment

Site ID: NA0010U05RM12.22

07/21/2021: This site was discovered during the DWR Spring 2021 Levee Inspections. There is a series of erosion pockets along the lower levee slope and toe, ranging from 3 ft in length to 15 ft and 2 ft to 7 ft in scarp height. There are lots of rodent holes on the entire levee slope.

Photo 1 of 3 : SP_2022_NA0010_123_3_20220308_00004.jpg



7/21/2021: View of an erosion pocket and large animal hole looking upstream.

LM Start	14.39	Rating **	M	Issue No.	3 (cont)
LM End	14.45	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2022_NA0010_123_3_20220308_00005.jpg



7/21/2021: View of a large erosion pocket.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	14.39	Rating **	M	Issue No.	3 (cont)
LM End	14.45	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.162949 °	37.162949 °
				-120.619138 °	-120.619138 °
DWR ID	NA0010U05RM12.22				

Photo 3 of 3 : SP_2022_NA0010_123_3_20220308_00006.jpg



7/21/2021: Close-up view of the erosion near the upstream end.

LM Start	14.42	Rating **	U	Issue No.	119
LM End	14.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.162949 °	37.162540 °
				-120.619138 °	-120.618091 °
DWR ID	DWR_NA0010_05_s_2021_119				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slope erosion on the waterside slope. Possibly caused by livestock.					

Photo 1 of 1 : SP_2022_NA0010_123_119_20220414_00373.jpg



Looking upstream along the waterside slope at erosion spots. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	14.46	Rating **	M	Issue No.	45	
LM End	14.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °	
				-120.618571 °	-120.618571 °	
DWR ID	19711					
Comment Code						
Inspector Comment						
FS_ID:71024 DS_ID:19711 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Dense vegetation on LS; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Concrete weir inlet structure on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 14.44). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 14.44)] FS Date: 6/22/2021						

LM Start	14.46	Rating **	M	Issue No.	45 (cont)
LM End	14.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71024_104028.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71024_104029.jpg



LS view of slope to toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	14.46	Rating **	M	Issue No.	45 (cont)
LM End	14.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °
				-120.618571 °	-120.618571 °
DWR ID	19711				

Photo 3 of 3 : UCIP_SP_2022_71024_104033.jpg



LS view of slope from toe: concrete headwall visible in background.

LM Start	15.11	Rating **	M	Issue No.	46
LM End	15.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °
				-120.609513 °	-120.609513 °
DWR ID	19712				

Photo 1 of 3 : UCIP_SP_2022_71025_104045.jpg



View from levee crown.

Comment Code					
Inspector Comment					
FS_ID:71025 DS_ID:19712 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection on LS due to barbed wire and access issues. Build up of sediment at WS outlet pipe and LS inlet pipe; recommend removal. Some erosion along the WS slope, less than 1 foot. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Minor erosion at headwall on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.08). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.09)]. FS Date: 6/22/2021					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	15.11	Rating **	M	Issue No.	46 (cont)
LM End	15.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °
				-120.609513 °	-120.609513 °
DWR ID	19712				

Photo 2 of 3 : UCIP_SP_2022_71025_104046.jpg



LS view of slope to toe from crown. Headwall visible in background.

LM Start	15.11	Rating **	M	Issue No.	46 (cont)
LM End	15.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71025_104050.jpg



LS view: closeup of headwall and inlet at toe.

LM Start	15.21	Rating **	M	Issue No.	110
LM End	15.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.155782 °	37.155337 °
				-120.608075 °	-120.607449 °
DWR ID	DWR_NA0010_05_f_2020_110				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_110_20220308_00015.jpg



Erosion along the waterside slope. (Fall 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	15.30	Rating **	M	Issue No.	1
LM End	15.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.154837 °	37.154837 °
				-120.606737 °	-120.606737 °
DWR ID	NA0010U05RM13.09				

Comment Code

Inspector Comment

Site ID: NA0010U05RM13.09

07/21/2021: The erosion length was updated to 80 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection.

08/19/2020: This site was discovered during the DWR Spring 2020 Levee Inspections. There is a 20-ft long and an 8-ft long erosion pocket, with scarp heights of up to 3 ft. The erosion has cut into the levee prism. There are signs of rodent and cattle activity.

LM Start	15.30	Rating **	M	Issue No.	1 (cont)
LM End	15.32	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_123_1_20220308_00001.jpg



7/21/2021: View of the erosion looking upstream.

Photo 2 of 2 : SP_2022_NA0010_123_1_20220308_00002.jpg



7/21/2021: View of the erosion looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	15.76	Rating **	M	Issue No.	47
LM End	15.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.150012 °	37.150012 °
				-120.601330 °	-120.601330 °
DWR ID	19713				
Comment Code					
Inspector Comment					
FS_ID:71026 DS_ID:19713 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.74). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.74)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2022_71026_104037.jpg



View from levee crown.

LM Start	15.76	Rating **	M	Issue No.	47 (cont)
LM End	15.76	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71026_104039.jpg



LS view of slope to toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	15.76	Rating **	M	Issue No.	47 (cont)
LM End	15.76	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.150012 °	37.150012 °	
			-120.601330 °	-120.601330 °	
DWR ID	19713				

Photo 3 of 3 : UCIP_SP_2022_71026_104042.jpg



LS view of slope to toe. Concrete headwall visible at toe.

LM Start	15.81	Rating **	M	Issue No.	49
LM End	15.81	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.149381 °	37.149381 °	
			-120.600761 °	-120.600761 °	
DWR ID	19715				

Comment Code

Inspector Comment

FS_ID:71028
DS_ID:19715
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/22/2021 The record remains Non-Urgent.
Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Excess vegetation at inlet on LS toe should be cleared. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.79). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.80)].
FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2022_71028_104057.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	15.81	Rating **	M	Issue No.	49 (cont)
LM End	15.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.149381 °	37.149381 °
				-120.600761 °	-120.600761 °
DWR ID	19715				

Photo 2 of 3 : UCIP_SP_2022_71028_104056.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

LM Start	15.81	Rating **	M	Issue No.	49 (cont)
LM End	15.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71028_104061.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	16.09	Rating **	M	Issue No.	177
LM End	16.13	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.145965 °	37.145965 °
				-120.597597 °	-120.597597 °
DWR ID	NA0010U05RM13.85				
Comment Code					
Inspector Comment					
Site ID: NA0010U05RM13.85 07/21/2021: From 2020 to present, no significant changes were observed during the annual survey. 08/19/2020: Due to ongoing construction both up and downstream, this site could not be accessed and only be viewed from the opposite bank across the bypass. Unable to determine if the conditions changed since the previous inspection. 09/10/2019: The erosion has become worse during the past 2 flood seasons. The erosion length has increased to approximately 200 ft from 55 ft. Signs of animal activity were observed. 09/20/2017: The erosion was discovered during spring levee inspection. The site is covered by dense vegetation and the measurements of the erosion are estimated.					

LM Start	16.09	Rating **	M	Issue No.	177 (cont)
LM End	16.13	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_123_177_20220308_00061.jpg



7/21/2021: View of the erosion and rodent holes.

Photo 2 of 2 : SP_2022_NA0010_123_177_20220308_00062.jpg



7/21/2021: View of the erosion looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	16.34	Rating **	M	Issue No.	173
LM End	16.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.143141 °	37.143141 °
				-120.595183 °	-120.595183 °
DWR ID	DWR_NA0010_05_s_2022_173				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_173_20220414_00374.jpg



Looking downstream along the waterside slope at erosion from livestock activity. (Spring 2022)

LM Start	16.68	Rating **	M	Issue No.	50	
LM End	16.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.138760 °	37.138760 °	
				-120.592393 °	-120.592393 °	
DWR ID	19716					
Comment Code						
Inspector Comment						
FS_ID:71029 DS_ID:19716 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Pipe heavily silted on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 16.66). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 16.67). DWR As-Built Specification No. 61-01, Sheet No. 57, 7 March 1961, (HLM 16.67)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71029_104063.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	16.68	Rating **	M	Issue No.	50 (cont)
LM End	16.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.138760 °	37.138760 °
				-120.592393 °	-120.592393 °
DWR ID	19716				

Photo 2 of 3 : UCIP_SP_2022_71029_104064.jpg



LS view of slope to toe from crown.

LM Start	16.68	Rating **	M	Issue No.	50 (cont)
LM End	16.68	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71029_104068.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	17.22	Rating **	M	Issue No.	51
LM End	17.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.132211 °	37.132211 °
				-120.587106 °	-120.587106 °
DWR ID	19717				
Comment Code					
Inspector Comment					
FS_ID:71030 DS_ID:19717 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.21). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 17.20)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2022_71030_104070.jpg



View from levee crown.

LM Start	17.22	Rating **	M	Issue No.	51 (cont)
LM End	17.22	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71030_104071.jpg



LS view of slope to toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	17.22	Rating **	M	Issue No.	51 (cont)
LM End	17.22	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.132211 °	37.132211 °	
			-120.587106 °	-120.587106 °	
DWR ID	19717				

Photo 3 of 3 : UCIP_SP_2022_71030_104075.jpg



LS view at toe: concrete headwall and inlet. Slope visible in background.

LM Start	17.54	Rating **	M	Issue No.	52
LM End	17.54	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.127843 °	37.127843 °	
			-120.585245 °	-120.585245 °	
DWR ID	19743				

Photo 1 of 3 : UCIP_SP_2022_71031_104077.jpg



View from levee crown.

Comment Code					
Inspector Comment					
FS_ID:71031 DS_ID:19743 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 17.52). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 17.52). DWR As-Built Specification No. 61-01, Sheet No. 58, 7 March 1961, (HLM 17.52)]. FS Date: 6/22/2021					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	17.54	Rating **	M	Issue No.	52 (cont)
LM End	17.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127843 °	37.127843 °
				-120.585245 °	-120.585245 °
DWR ID	19743				

Photo 2 of 3 : UCIP_SP_2022_71031_104078.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

LM Start	17.54	Rating **	M	Issue No.	52 (cont)
LM End	17.54	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71031_104082.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	18.09	Rating **	M	Issue No.	54	
LM End	18.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.120309 °		37.120309 °
				-120.582041 °		-120.582041 °
DWR ID	19745					
Comment Code						
Inspector Comment						
FS_ID:71033 DS_ID:19745 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection of LS pipe inlet due to dense vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/23/2014 Animal burrows in levee on both slopes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.07). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.07). DWR As-Built Specification No. 61-01, Sheet No. 58, 7 March 1961, (HLM 18.07)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71033_104117.jpg



Levee crown.

LM Start	18.09	Rating **	M	Issue No.	54 (cont)
LM End	18.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71033_104111.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	18.09	Rating **	M	Issue No.	54 (cont)
LM End	18.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.120309 °	37.120309 °
				-120.582041 °	-120.582041 °
DWR ID	19745				

Photo 3 of 3 : UCIP_SP_2022_71033_104113.jpg



LS view: Slope from toe.

LM Start	18.50	Rating **	U	Issue No.	114
LM End	18.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115960 °	37.115960 °
				-120.577170 °	-120.577170 °
DWR ID	DWR_NA0010_05_f_2020_114				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow appears to connect to hole in landside shoulder.					

Photo 1 of 1 : SP_2022_NA0010_123_114_20220308_00018.jpg



View of rodent burrow in the waterside shoulder. (Fall 2020)

LM Start	18.50	Rating **	U	Issue No.	118
LM End	18.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115960 °	37.115960 °
				-120.577170 °	-120.577170 °
DWR ID	DWR_NA0010_05_f_2020_118				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow appears to connect to hole in waterside shoulder.					

Photo 1 of 1 : SP_2022_NA0010_123_118_20220308_00020.jpg



Large rodent hole in the landside shoulder. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	18.62	Rating **	U	Issue No.	126
LM End	18.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115481 °	37.115481 °
				-120.575126 °	-120.575126 °
DWR ID	DWR_NA0010_05_f_2020_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_126_20220308_00026.jpg



Several large rodent holes observed at this location. (Fall 2020)

LM Start	18.70	Rating **	M	Issue No.	55	
LM End	18.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.115472 °		37.115472 °
				-120.573628 °		-120.573628 °
DWR ID	19746					
Comment Code						
Inspector Comment						
FS_ID:71034 DS_ID:19746 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.68). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.68). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 18.68)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71034_104120.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	18.70	Rating **	M	Issue No.	55 (cont)
LM End	18.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115472 °	37.115472 °
				-120.573628 °	-120.573628 °
DWR ID	19746				

Photo 2 of 3 : UCIP_SP_2022_71034_104121.jpg



LS view: Toe from crown.

LM Start	18.70	Rating **	M	Issue No.	55 (cont)
LM End	18.70	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71034_104118.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.15	Rating **	M	Issue No.	56	
LM End	19.15	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.115466 °		37.115466 °
				-120.565467 °		-120.565467 °
DWR ID	19747					
Comment Code						
Inspector Comment						
FS_ID:71035						
DS_ID:19747						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection due to LS inlet being covered by dense tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.11). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.11)].						
FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71035_104127.jpg



Levee crown.

LM Start	19.15	Rating **	M	Issue No.	56 (cont)
LM End	19.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71035_104128.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.15	Rating **	M	Issue No.	56 (cont)
LM End	19.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115466 °	37.115466 °
				-120.565467 °	-120.565467 °
DWR ID	19747				

Photo 3 of 3 : UCIP_SP_2022_71035_104125.jpg



LS view: Slope and headwall at toe.

LM Start	19.17	Rating **	M	Issue No.	57
LM End	19.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115463 °	37.115463 °
				-120.565086 °	-120.565086 °
DWR ID	19776				

Comment Code

Inspector Comment

FS_ID:71036
 DS_ID:19776
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Some tumbleweed buildup around LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.15). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.15). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.15)].
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2022_71036_104134.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	57 (cont)
LM End	19.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115463 °	37.115463 °
				-120.565086 °	-120.565086 °
DWR ID	19776				

Photo 2 of 3 : UCIP_SP_2022_71036_104135.jpg



LS view: Toe from crown.

LM Start	19.17	Rating **	M	Issue No.	57 (cont)
LM End	19.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71036_104132.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.48	Rating **	U	Issue No.	58	
LM End	19.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.113542 °		37.113542 °
				-120.560389 °		-120.560389 °
DWR ID	19777					
Comment Code						
Inspector Comment						
FS_ID:71037 DS_ID:19777 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of LS inlet due to vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.46). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.46). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.46)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2022_71037_104139.jpg



Levee crown.

LM Start	19.48	Rating **	U	Issue No.	58 (cont)
LM End	19.48	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71037_104140.jpg



WS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.48	Rating **	U	Issue No.	58 (cont)
LM End	19.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113542 °	37.113542 °
				-120.560389 °	-120.560389 °
DWR ID	19777				

Photo 3 of 3 : UCIP_SP_2022_71037_104141.jpg



WS view: Closeup of flapgate at toe.

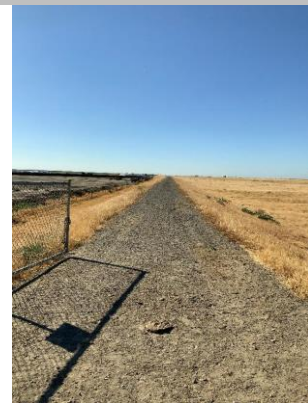
LM Start	19.52	Rating **	M	Issue No.	60
LM End	19.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112953 °	37.112953 °
				-120.559943 °	-120.559943 °
DWR ID	19778				

Comment Code

Inspector Comment

FS_ID:71039
DS_ID:19778
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.50). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.50). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.50)].
FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71039_104146.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.52	Rating **	M	Issue No.	60 (cont)
LM End	19.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112953 °	37.112953 °
				-120.559943 °	-120.559943 °
DWR ID	19778				

Photo 2 of 3 : UCIP_SP_2022_71039_104147.jpg



LS view: Toe from crown.

LM Start	19.52	Rating **	M	Issue No.	60 (cont)
LM End	19.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71039_104144.jpg



LS view: Headwall and slope at toe.

LM Start	19.53	Rating **	M	Issue No.	174
LM End	23.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.112919 °	37.072942 °
				-120.559775 °	-120.516641 °
DWR ID	DWR_NA0010_05_s_2022_174				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_174_20220414_00375.jpg



View of the landside slope looking upstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.61	Rating **	M	Issue No.	157
LM End	19.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.112089 °	37.112089 °
				-120.558929 °	-120.558929 °
DWR ID	DWR_NA0010_05_s_2021_157				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	19.64	Rating **	U	Issue No.	128
LM End	19.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111664 °	37.111664 °
				-120.558511 °	-120.558511 °
DWR ID	DWR_NA0010_05_f_2020_128				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_128_20220308_00028.jpg



View of rodent activity on the waterside slope. (Fall 2020)

LM Start	19.65	Rating **	M	Issue No.	133
LM End	19.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111599 °	37.111599 °
				-120.558443 °	-120.558443 °
DWR ID	DWR_NA0010_05_f_2020_133				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.86	Rating **	U	Issue No.	61	
LM End	19.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.109284 °	37.109284 °	
				-120.555948 °	-120.555948 °	
DWR ID	19779					
Comment Code						
Inspector Comment						
FS_ID:71040 DS_ID:19779 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. WS flapgate has holes in it. LS pipe inlet has some minor debris buildup. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.83). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.84). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 19.84)]. FS Date: 6/23/2021						

LM Start	19.86	Rating **	U	Issue No.	61 (cont)
LM End	19.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71040_104106.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71040_104154.jpg



LS view: Closeup of pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.86	Rating **	U	Issue No.	61 (cont)
LM End	19.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109284 °	37.109284 °
				-120.555948 °	-120.555948 °
DWR ID	19779				

Photo 3 of 3 : UCIP_SP_2022_71040_104151.jpg



LS view: Toe from crown.

LM Start	19.94	Rating **	M	Issue No.	62
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.108426 °	37.108426 °
				-120.554990 °	-120.554990 °
DWR ID	19780				

Comment Code

Inspector Comment

FS_ID:71041
 DS_ID:19780
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
 FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.92). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.92). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 19.92)].
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71041_104156.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	62 (cont)
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.108426 °	37.108426 °
				-120.554990 °	-120.554990 °
DWR ID	19780				

Photo 2 of 3 : UCIP_SP_2022_71041_104157.jpg



LS view: Toe from crown.

LM Start	19.94	Rating **	M	Issue No.	62 (cont)
LM End	19.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71041_104155.jpg



LS view: Inside pipe inlet at toe.

LM Start	20.04	Rating **	M	Issue No.	165
LM End	20.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107774 °	37.107774 °
				-120.554237 °	-120.554237 °
DWR ID	DWR_NA0010_05_s_2021_165				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	20.10	Rating **	M	Issue No.	63	
LM End	20.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.107091 °	37.107091 °	
				-120.553503 °	-120.553503 °	
DWR ID	19781					
Comment Code						
Inspector Comment						
FS_ID:71042 DS_ID:19781 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 20.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.05). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.05)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71042_104163.jpg



Levee crown.

LM Start	20.10	Rating **	M	Issue No.	63 (cont)
LM End	20.10	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71042_104164.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	20.10	Rating **	M	Issue No.	63 (cont)
LM End	20.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.107091 °	37.107091 °
				-120.553503 °	-120.553503 °
DWR ID	19781				

Photo 3 of 3 : UCIP_SP_2022_71042_104161.jpg



LS view: Slope and headwall from toe.

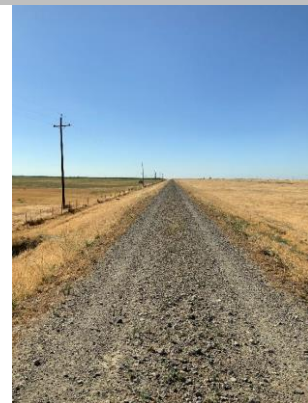
LM Start	20.24	Rating **	M	Issue No.	65
LM End	20.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °
				-120.551886 °	-120.551886 °
DWR ID	19783				

Comment Code

Inspector Comment

FS_ID:71043
DS_ID:19783
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Limited inspection of LS pipe inlet due to tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 20.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.18). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.18)].
FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71043_104170.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	20.24	Rating **	M	Issue No.	65 (cont)
LM End	20.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °
				-120.551886 °	-120.551886 °
DWR ID	19783				

Photo 2 of 3 : UCIP_SP_2022_71043_104171.jpg



LS view: Toe from crown.

LM Start	20.24	Rating **	M	Issue No.	65 (cont)
LM End	20.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71043_104168.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

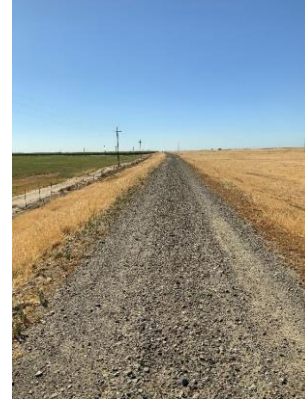
Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	20.65	Rating **	U	Issue No.	66	
LM End	20.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °	
				-120.547282 °	-120.547282 °	
DWR ID	19784					
Comment Code						
Inspector Comment						
FS_ID:71044 DS_ID:19784 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Some tumbleweed buildup at LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 20.58). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.59). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.59)]. FS Date: 6/23/2021						

LM Start	20.65	Rating **	U	Issue No.	66 (cont)
LM End	20.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71044_104176.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71044_104178.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	20.65	Rating **	U	Issue No.	66 (cont)
LM End	20.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °
				-120.547282 °	-120.547282 °
DWR ID	19784				

Photo 3 of 3 : UCIP_SP_2022_71044_104179.jpg



LS view: Slope and headwall from toe.

LM Start	20.93	Rating **	M	Issue No.	135
LM End	20.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.097826 °	37.097826 °
				-120.543984 °	-120.543984 °
DWR ID	DWR_NA0010_05_f_2020_135				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_135_20220308_00033.jpg



View of rodent burrow in the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.13	Rating **	U	Issue No.	67	
LM End	21.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °	
				-120.541593 °	-120.541593 °	
DWR ID	19785					

Comment Code

Inspector Comment

FS_ID:71045
DS_ID:19785
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record is being upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Tumbleweed and debris covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.07). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.08). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.08)].
FS Date: 6/23/2021

LM Start	21.13	Rating **	U	Issue No.	67 (cont)
LM End	21.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71045_104183.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71045_104185.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.13	Rating **	U	Issue No.	67 (cont)
LM End	21.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °
				-120.541593 °	-120.541593 °
DWR ID	19785				

Photo 3 of 3 : UCIP_SP_2022_71045_104181.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

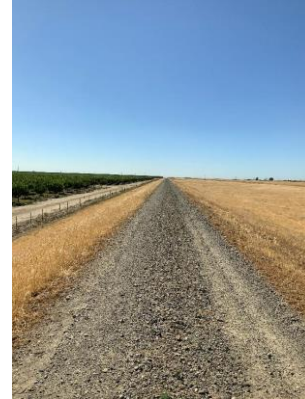
Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	68	
LM End	21.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.091755 °	37.091755 °	
				-120.537414 °	-120.537414 °	
DWR ID	19786					
Comment Code						
Inspector Comment						
FS_ID:71046 DS_ID:19786 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Potential hole in WS flapgate. Sand buildup around WS flapgate preventing it from opening easily, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.42). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.42)]. FS Date: 6/23/2021						

LM Start	21.48	Rating **	U	Issue No.	68 (cont)
LM End	21.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71046_104192.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71046_104193.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	68 (cont)
LM End	21.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.091755 °	37.091755 °
				-120.537414 °	-120.537414 °
DWR ID	19786				

Photo 3 of 3 : UCIP_SP_2022_71046_104190.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.91	Rating **	U	Issue No.	69	
LM End	21.91	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.087525 °	37.087525 °	
				-120.532827 °	-120.532827 °	
DWR ID	19787					
Comment Code						
Inspector Comment						
FS_ID:71047 DS_ID:19787 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Standing water on both WS outlet and LS inlet, limiting closeup inspection on both sides. Water appeared to be leaking through the WS flapgate, even though it was closed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.81). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.81). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.81)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71047_104198.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.91	Rating **	U	Issue No.	69 (cont)
LM End	21.91	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087525 °	37.087525 °
				-120.532827 °	-120.532827 °
DWR ID	19787				

Photo 2 of 3 : UCIP_SP_2022_71047_104199.jpg



LS view: Toe from crown.

LM Start	21.91	Rating **	U	Issue No.	69 (cont)
LM End	21.91	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71047_104196.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.95	Rating **	U	Issue No.	70	
LM End	21.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °	
				-120.532374 °	-120.532374 °	
DWR ID	19788					
Comment Code						
Inspector Comment						
FS_ID:71048 DS_ID:19788 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of the LS pipe inlet due to dense tumbleweeds and vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 21.85). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.85). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.85)]. FS Date: 6/23/2021						

LM Start	21.95	Rating **	U	Issue No.	70 (cont)
LM End	21.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71048_104205.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71048_104206.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	21.95	Rating **	U	Issue No.	70 (cont)
LM End	21.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °
				-120.532374 °	-120.532374 °
DWR ID	19788				

Photo 3 of 3 : UCIP_SP_2022_71048_104203.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

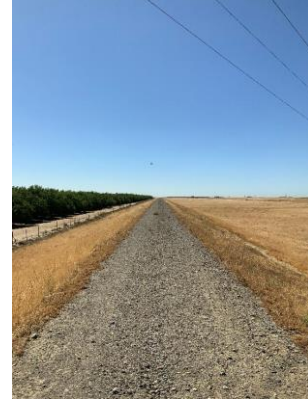
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

DWR ID	22.28	Rating **	U	Issue No.	71	
LM End	22.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.083410 °	37.083410 °	
				-120.528356 °	-120.528356 °	
DWR ID	19789					
Comment Code						
Inspector Comment						
FS_ID:71049 DS_ID:19789 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Some vegetation growing over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 22.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.19). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 22.19)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71049_104212.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	22.55	Rating **	U	Issue No.	72	
LM End	22.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.080486 °	37.080486 °	
				-120.525180 °	-120.525180 °	
DWR ID	19790					
Comment Code						
Inspector Comment						
FS_ID:71050 DS_ID:19790 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Possible hole in WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 22.46). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.46). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.46)]. FS Date: 6/23/2021						

LM Start	22.55	Rating **	U	Issue No.	72 (cont)
LM End	22.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71050_104219.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71050_104221.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	22.55	Rating **	U	Issue No.	72 (cont)
LM End	22.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.080486 °	37.080486 °
				-120.525180 °	-120.525180 °
DWR ID	19790				

Photo 3 of 3 : UCIP_SP_2022_71050_104217.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

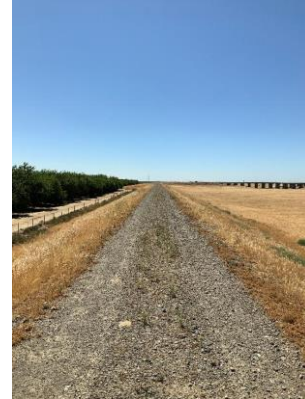
Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	22.89	Rating **	U	Issue No.	73	
LM End	22.89	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °	
				-120.521116 °	-120.521116 °	
DWR ID	19791					
Comment Code						
Inspector Comment						
FS_ID:71051 DS_ID:19791 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Deterioration of the underside of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 22.79). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.79). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.79)]. FS Date: 6/23/2021						

LM Start	22.89	Rating **	U	Issue No.	73 (cont)
LM End	22.89	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71051_104227.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71051_104228.jpg



LS view: Inside pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	22.89	Rating **	U	Issue No.	73 (cont)
LM End	22.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °
				-120.521116 °	-120.521116 °
DWR ID	19791				

Photo 3 of 3 : UCIP_SP_2022_71051_104230.jpg



LS view: Toe from crown.

LM Start	23.03	Rating **	U	Issue No.	74
LM End	23.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.075387 °	37.075387 °
				-120.519406 °	-120.519406 °
DWR ID	19792				

Photo 1 of 3 : UCIP_SP_2022_71052_104235.jpg



Levee crown.

Comment Code					
Inspector Comment					
<p>FS_ID:71052 DS_ID:19792 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Deterioration of the underside of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 22.93). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.94). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.94)]. FS Date: 6/23/2021</p>					

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	23.03	Rating **	U	Issue No.	74 (cont)
LM End	23.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.075387 °	37.075387 °
				-120.519406 °	-120.519406 °
DWR ID	19792				

Photo 2 of 3 : UCIP_SP_2022_71052_104237.jpg



LS view: Toe from crown.

LM Start	23.03	Rating **	U	Issue No.	74 (cont)
LM End	23.03	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71052_104233.jpg



LS view: Headwall and slope from toe.

LM Start	23.24	Rating **	M	Issue No.	160
LM End	23.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.073064 °	37.068260 °
				-120.516771 °	-120.511583 °
DWR ID	DWR_NA0010_05_f_2018_160				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is slope damage caused by livestock on waterside.					

Photo 1 of 1 : SP_2022_NA0010_123_160_20220414_00376.jpg



Slope damage cause by livestock foot traffic. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	23.25	Rating **	M	Issue No.	76	
LM End	23.25	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.072989 °	37.072989 °	
				-120.516687 °	-120.516687 °	
DWR ID	19794					
Comment Code						
Inspector Comment						
FS_ID:71054 DS_ID:19794 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 23.14). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.15). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 23.15)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71054_104342.jpg



Levee crown.

LM Start	23.25	Rating **	M	Issue No.	76 (cont)
LM End	23.25	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71054_104343.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	23.25	Rating **	M	Issue No.	76 (cont)
LM End	23.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.072989 °	37.072989 °
				-120.516687 °	-120.516687 °
DWR ID	19794				

Photo 3 of 3 : UCIP_SP_2022_71054_104345.jpg



LS view: Slope and headwall from toe.

LM Start	23.72	Rating **	U	Issue No.	78
LM End	23.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.067799 °	37.067799 °
				-120.511093 °	-120.511093 °
DWR ID	19796				

Comment Code

Inspector Comment

FS_ID:71057
 DS_ID:19796
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 23.61). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.62). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 23.62)].
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71057_104379.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	23.72	Rating **	U	Issue No.	78 (cont)
LM End	23.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.067799 °	37.067799 °
				-120.511093 °	-120.511093 °
DWR ID	19796				

Photo 2 of 3 : UCIP_SP_2022_71057_104380.jpg



LS view: Toe from crown.

LM Start	23.72	Rating **	U	Issue No.	78 (cont)
LM End	23.72	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71057_104377.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.02	Rating **	U	Issue No.	79
LM End	24.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.064494 °	37.064494 °
				-120.507531 °	-120.507531 °
DWR ID	19797				
Comment Code					
Inspector Comment					
FS_ID:71058 DS_ID:19797 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Small hole seen in the front of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Minor sediment/debris buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 23.92). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.85). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 23.85)]. FS Date: 6/23/2021					

LM Start	24.02	Rating **	U	Issue No.	79 (cont)
LM End	24.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71058_104386.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71058_104388.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.02	Rating **	U	Issue No.	79 (cont)
LM End	24.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.064494 °	37.064494 °
				-120.507531 °	-120.507531 °
DWR ID	19797				

Photo 3 of 3 : UCIP_SP_2022_71058_104384.jpg



LS view: Slope and headwall from toe.

LM Start	24.28	Rating **	M	Issue No.	81
LM End	24.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.061724 °	37.061724 °
				-120.504512 °	-120.504512 °
DWR ID	19798				

Comment Code

Inspector Comment

FS_ID:71059
DS_ID:19798
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 24.18). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.18). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.18)].
FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71059_104393.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.28	Rating **	M	Issue No.	81 (cont)
LM End	24.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.061724 °	37.061724 °
				-120.504512 °	-120.504512 °
DWR ID	19798				

Photo 2 of 3 : UCIP_SP_2022_71059_104395.jpg



LS view: Toe from crown.

LM Start	24.28	Rating **	M	Issue No.	81 (cont)
LM End	24.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71059_104391.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.56	Rating **	U	Issue No.	82
LM End	24.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.058673 °	37.058673 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

Comment Code

Inspector Comment

FS_ID:71060
DS_ID:19799
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Hole visible on underneath of flapgate on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 24.46). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.46). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.46)].
FS Date: 6/23/2021

LM Start	24.56	Rating **	U	Issue No.	82 (cont)
LM End	24.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71060_104402.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71060_104404.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.56	Rating **	U	Issue No.	82 (cont)
LM End	24.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054873 °	37.054873 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

Photo 3 of 3 : UCIP_SP_2022_71060_104400.jpg



LS view: Slope and headwall from toe.

LM Start	24.93	Rating **	M	Issue No.	83
LM End	24.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054481 °	37.054481 °
				-120.496798 °	-120.496798 °
DWR ID	19800				

Comment Code

Inspector Comment

FS_ID:71061
DS_ID:19800
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 24.82). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.82). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.82)].
FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71061_104409.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.93	Rating **	M	Issue No.	83 (cont)
LM End	24.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054481 °	37.054481 °
				-120.496798 °	-120.496798 °
DWR ID	19800				

Photo 2 of 3 : UCIP_SP_2022_71061_104411.jpg



LS view: Toe from crown.

LM Start	24.93	Rating **	M	Issue No.	83 (cont)
LM End	24.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71061_104407.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	24.96	Rating **	M	Issue No.	84	
LM End	24.96	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.054344 °	37.054344 °	
				-120.496214 °	-120.496214 °	
DWR ID	19801					
Comment Code						
Inspector Comment						
FS_ID:71062 DS_ID:19801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 24.86). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.87). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.87)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71062_104416.jpg



Levee crown.

LM Start	24.96	Rating **	M	Issue No.	84 (cont)
LM End	24.96	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71062_104417.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.24	Rating **	M	Issue No.	86	
LM End	25.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.051477 °		37.051477 °
				-120.492650 °		-120.492650 °
DWR ID	19803					
Comment Code						
Inspector Comment						
FS_ID:71064 DS_ID:19803 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 03/25/2014 Flapgate propped open during flood season. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 25.14). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded incorrectly as HLM 25.43, should be 25.13). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.13)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2022_71064_104424.jpg



Levee crown.

LM Start	25.24	Rating **	M	Issue No.	86 (cont)
LM End	25.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71064_104426.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.46	Rating **	M	Issue No.	168
LM End	25.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.049217 °	37.049217 °
				-120.489881 °	-120.489881 °
DWR ID	DWR_NA0010_05_f_2021_168				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_168_20220308_00056.jpg



View of rodent burrows on the waterside slope. (Fall 2021)

LM Start	25.58	Rating **	U	Issue No.	148
LM End	25.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047827 °	37.047551 °
				-120.488738 °	-120.488527 °
DWR ID	DWR_NA0010_05_f_2020_148				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_148_20220308_00042.jpg



View of burrows in the landside. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.61	Rating **	U	Issue No.	87	
LM End	25.61	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.047455 °	37.047455 °	
				-120.488443 °	-120.488443 °	
DWR ID	19804					
Comment Code						
Inspector Comment						
FS_ID:71065 DS_ID:19804 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 25.51). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 25.51). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.51)]. FS Date: 6/23/2021						

LM Start	25.61	Rating **	U	Issue No.	87 (cont)
LM End	25.61	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71065_104431.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71065_104433.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.61	Rating **	U	Issue No.	87 (cont)
LM End	25.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047455 °	37.047455 °
				-120.488443 °	-120.488443 °
DWR ID	19804				

Photo 3 of 3 : UCIP_SP_2022_71065_104429.jpg



LS view: Slope and headwall from toe.

LM Start	25.61	Rating **	M	Issue No.	124
LM End	25.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047416 °	37.047416 °
				-120.488411 °	-120.488411 °
DWR ID	DWR_NA0010_05_f_2017_124				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_124_20220308_00024.jpg



Looking east at the waterside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.63	Rating **	U	Issue No.	88
LM End	25.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047170 °	37.047170 °
				-120.488222 °	-120.488222 °
DWR ID	19805				
Comment Code					
Inspector Comment					
FS_ID:71066 DS_ID:19805 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 25.53). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 25.53). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.53)]. FS Date: 6/23/2021					

LM Start	25.63	Rating **	U	Issue No.	88 (cont)
LM End	25.63	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71066_104436.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71066_104446.jpg



LS view: Inside pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	25.63	Rating **	U	Issue No.	88 (cont)
LM End	25.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047170 °	37.047170 °
				-120.488222 °	-120.488222 °
DWR ID	19805				

Photo 3 of 3 : UCIP_SP_2022_71066_104440.jpg



LS view: Slope and headwall from toe.

LM Start	25.81	Rating **	M	Issue No.	178
LM End	25.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.044986 °	37.044986 °
				-120.486539 °	-120.486539 °
DWR ID	DWR_NA0010_05_f_2019_178				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	26.17	Rating **	M	Issue No.	161
LM End	26.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.040434 °	37.040043 °
				-120.483086 °	-120.482795 °
DWR ID	DWR_NA0010_05_f_2018_161				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope damage is caused by livestock foot traffic.					

Photo 1 of 1 : SP_2022_NA0010_123_161_20220308_00051.jpg



Slope damage on waterside. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.20	Rating **	U	Issue No.	89	
LM End	26.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.040070 °	37.040070 °	
				-120.482796 °	-120.482796 °	
DWR ID	19806					
Comment Code						
Inspector Comment						
FS_ID:71067 DS_ID:19806 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 26.10). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.11). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 26.11)]. FS Date: 6/23/2021						

LM Start	26.20	Rating **	U	Issue No.	89 (cont)
LM End	26.20	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71067_104450.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71067_104452.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.20	Rating **	U	Issue No.	89 (cont)
LM End	26.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.040070 °	37.040070 °
				-120.482796 °	-120.482796 °
DWR ID	19806				

Photo 3 of 3 : UCIP_SP_2022_71067_104448.jpg



LS view: Slope and headwall from toe.

LM Start	26.30	Rating **	A/W	Issue No.	169
LM End	26.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.038855 °	37.034140 °
				-120.481877 °	-120.478076 °
DWR ID	DWR_NA0010_05_f_2021_169				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to the waterside slope from cattle traffic and minor damage on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_123_169_20220308_00057.jpg



View of slope damage from cattle traffic. (Fall 2021)

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.39	Rating **	U	Issue No.	90
LM End	26.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.037772 °	37.037772 °
				-120.481028 °	-120.481028 °
DWR ID	19807				
Comment Code					
Inspector Comment					
FS_ID:71068 DS_ID:19807 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 26.29). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.29). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.29)]. FS Date: 6/23/2021					

Photo 1 of 3 : UCIP_SP_2022_71068_104455.jpg



Levee crown.

LM Start	26.39	Rating **	U	Issue No.	90 (cont)
LM End	26.39	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71068_104456.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.39	Rating **	U	Issue No.	90 (cont)
LM End	26.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.037772 °	37.037772 °
				-120.481028 °	-120.481028 °
DWR ID	19807				

Photo 3 of 3 : UCIP_SP_2022_71068_104459.jpg



LS view: Slope and headwall from toe.

LM Start	26.95	Rating **	U	Issue No.	91
LM End	26.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032669 °	37.032669 °
				-120.473901 °	-120.473901 °
DWR ID	19808				

Comment Code

Inspector Comment

FS_ID:71069
 DS_ID:19808
 EP_NO: N/A
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)03/25/2014 Pipe has heavy silt buildup visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 26.85). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.85). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.85)].
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP_SP_2022_71069_104461.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.95	Rating **	U	Issue No.	91 (cont)
LM End	26.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032669 °	37.032669 °
				-120.473901 °	-120.473901 °
DWR ID	19808				

Photo 2 of 3 : UCIP_SP_2022_71069_104463.jpg



LS view: Slope and headwall from toe.

LM Start	26.95	Rating **	U	Issue No.	91 (cont)
LM End	26.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71069_104464.jpg



LS view: Inside of pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.97	Rating **	U	Issue No.	93	
LM End	26.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.032680 °	37.032680 °	
				-120.473454 °	-120.473454 °	
DWR ID	19748					
Comment Code						
Inspector Comment						
FS_ID:71071 DS_ID:19748 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 Record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of LS inlet due to dirt and tumbleweeds, recommend removal. Unidentified PVC pipe installed at mouth of inlet pipe on LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)03/25/2014 Tumble weed buildup at inlet may create blockage and should be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 26.87). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.87). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.87)]. FS Date: 6/23/2021 4:25:00 PM						

LM Start	26.97	Rating **	U	Issue No.	93 (cont)
LM End	26.97	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71071_104358.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71071_104359.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	26.97	Rating **	U	Issue No.	93 (cont)
LM End	26.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032680 °	37.032680 °
				-120.473454 °	-120.473454 °
DWR ID	19748				

Photo 3 of 3 : UCIP_SP_2022_71071_104361.jpg



LS view from toe: concrete headwall at inlet

LM Start	26.99	Rating **	U	Issue No.	162
LM End	27.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032651 °	37.032659 °
				-120.473205 °	-120.472190 °
DWR ID	DWR_NA0010_05_f_2018_162				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows with large quantities of material displaced noted in this section.					

Photo 1 of 1 : SP_2022_NA0010_123_162_20220308_00052.jpg



Several rodent burrows noted in this section of the levee. (Fall 2020)

LM Start	27.01	Rating **	M	Issue No.	125
LM End	27.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.032675 °	37.032675 °
				-120.472841 °	-120.472841 °
DWR ID	DWR_NA0010_05_s_2021_125				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_125_20220308_00025.jpg



Prunings left on the landside toe. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	27.31	Rating **	U	Issue No.	94	
LM End	27.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.032668 °	37.032668 °	
				-120.467299 °	-120.467299 °	
DWR ID	19749					
Comment Code						
Inspector Comment						
FS_ID:71072						
DS_ID:19749						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)						
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 27.21). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 27.22). DWR As-Built Specification No. 64-01, Sheet No. 10, 6 November 1963, (HLM 27.22)].						
FS Date: 6/23/2021						

LM Start	27.31	Rating **	U	Issue No.	94 (cont)
LM End	27.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71072_104352.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71072_104354.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	27.31	Rating **	U	Issue No.	94 (cont)
LM End	27.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032668 °	37.032668 °
				-120.467299 °	-120.467299 °
DWR ID	19749				

Photo 3 of 3 : UCIP_SP_2022_71072_104356.jpg



LS view from toe: concrete headwall at inlet.

LM Start	28.00	Rating **	M	Issue No.	183
LM End	28.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.032556 °	37.031640 °
				-120.454975 °	-120.441376 °
DWR ID	DWR_NA0010_05_s_2022_183				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	28.24	Rating **	M	Issue No.	163
LM End	28.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032597 °	37.032595 °
				-120.450536 °	-120.450081 °
DWR ID	DWR_NA0010_05_f_2018_163				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Bait station is present. Burrows should be backfilled.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	28.27	Rating **	M	Issue No.	95
LM End	28.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032623 °	37.032623 °
				-120.450108 °	-120.450108 °
DWR ID	19750				
Comment Code					
Inspector Comment					
FS_ID:71073 DS_ID:19750 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Sediment buildup in inlet pipe; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 03/25/2014 Animal Burrowing activity at LS toe may undermine headwall. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 28.17). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 28.17). DWR As-Built Specification No. 64-01, Sheet No. 10, 6 November 1963, (HLM 28.17)]. FS Date: 6/23/2021					

LM Start	28.27	Rating **	M	Issue No.	95 (cont)
LM End	28.27	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71073_104347.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71073_104346.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	28.27	Rating **	M	Issue No.	95 (cont)
LM End	28.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032623 °	37.032623 °
				-120.450108 °	-120.450108 °
DWR ID	19750				

Photo 3 of 3 : UCIP_SP_2022_71073_104350.jpg



LS view from toe: concrete headwall at inlet.

LM Start	28.79	Rating **	U	Issue No.	96
LM End	28.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.031640 °	37.031640 °
				-120.441389 °	-120.441389 °
DWR ID	19751				

Comment Code

Inspector Comment

FS_ID:71074
DS_ID:19751
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Sediment build up in LS pipe inlet; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 28.69). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 28.69). DWR As-Built Specification No. 64-01, Sheet No. 11, 6 November 1963, (HLM 28.69)].
FS Date: 6/23/2021 10:26:00 AM

Photo 1 of 3 : UCIP_SP_2022_71074_104318.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	28.79	Rating **	U	Issue No.	96 (cont)
LM End	28.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.031640 °	37.031640 °
				-120.441389 °	-120.441389 °
DWR ID	19751				

Photo 2 of 3 : UCIP_SP_2022_71074_104319.jpg



LS view from crown.

LM Start	28.79	Rating **	U	Issue No.	96 (cont)
LM End	28.79	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71074_104321.jpg



LS view from toe: concrete headwall at inlet.

LM Start	28.95	Rating **	M	Issue No.	184
LM End	29.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.029493 °	37.021260 °
				-120.440075 °	-120.434421 °
DWR ID	DWR_NA0010_05_s_2022_184				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	29.43	Rating **	M	Issue No.	164
LM End	29.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.023481 °	37.021794 °
				-120.435960 °	-120.434769 °
DWR ID	DWR_NA0010_05_f_2018_164				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is slope damage on waterside from livestock traffic.					

Photo 1 of 1 : SP_2022_NA0010_123_164_20220308_00053.jpg



Slope damage from animal traffic. (Fall 2018)

LM Start	29.58	Rating **	U	Issue No.	171
LM End	29.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.021534 °	37.018712 °
				-120.434592 °	-120.432682 °
DWR ID	DWR_NA0010_05_s_2014_171				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is waterside erosion caused by livestock.					

Photo 1 of 1 : SP_2022_NA0010_123_171_20220308_00058.jpg



Looking south at livestock erosion on the waterside slope. (Fall 2020)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	29.58	Rating **	M	Issue No.	98	
LM End	29.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.021497 °	37.021497 °	
				-120.434602 °	-120.434602 °	
DWR ID	19753					
Comment Code						
Inspector Comment						
FS_ID:71076 DS_ID:19753 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 29.49). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 29.49). DWR As-Built Specification No. 64-01, Sheet No. 12, 6 November 1963, (HLM 29.49)]. FS Date: 6/23/2021						

LM Start	29.58	Rating **	M	Issue No.	98 (cont)
LM End	29.58	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71076_104307.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71076_104309.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	29.58	Rating **	M	Issue No.	98 (cont)
LM End	29.58	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.021497 °	37.021497 °	
			-120.434602 °	-120.434602 °	
DWR ID	19753				

Photo 3 of 3 : UCIP_SP_2022_71076_104311.jpg



LS view from toe: concrete headwall at inlet.

LM Start	29.82	Rating **	M	Issue No.	99
LM End	29.82	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.018505 °	37.018505 °	
			-120.432544 °	-120.432544 °	
DWR ID	19754				

Comment Code

Inspector Comment

FS_ID:71087
 DS_ID:19754
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/23/2021 The record remains Non-Urgent.
 Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.
 [Additional Reference(s): DWR Levee Log, 2002, (HLM 29.72). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 29.72). DWR As-Built Specification No. 64-42, Sheet No. 6, 13 August 1964, (HLM 29.72)].
 FS Date: 6/23/2021 4:23:00 PM

Photo 1 of 3 : UCIP_SP_2022_71087_104303.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	29.82	Rating **	M	Issue No.	99 (cont)
LM End	29.82	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.018505 °	37.018505 °	
			-120.432544 °	-120.432544 °	
DWR ID	19754				

Photo 2 of 3 : UCIP_SP_2022_71087_104305.jpg



LS view from toe: concrete headwall at inlet.

LM Start	29.82	Rating **	M	Issue No.	99 (cont)
LM End	29.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71087_104306.jpg



LS view from toe: inside of inlet.

LM Start	29.88	Rating **	M	Issue No.	185
LM End	31.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.017723 °	37.000332 °
				-120.431992 °	-120.414691 °
DWR ID	DWR_NA0010_05_s_2022_185				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	29.89	Rating **	M	Issue No.	16
LM End	29.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.017540 °	37.016636 °	
			-120.431955 °	-120.431243 °	
DWR ID	DWR_NA0010_05_s_2012_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	29.90	Rating **	M	Issue No.	186
LM End	30.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.017454 °	37.012304 °	
			-120.431811 °	-120.428270 °	
DWR ID	DWR_NA0010_05_s_2022_186				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

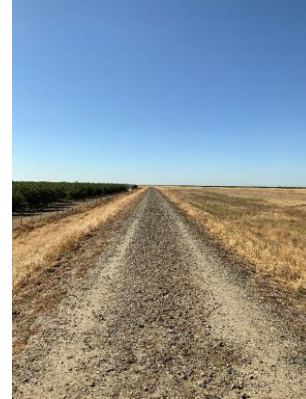
Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	30.14	Rating **	M	Issue No.	103
LM End	30.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.014471 °	37.014471 °
				-120.429759 °	-120.429759 °
DWR ID	19696				
Comment Code					
Inspector Comment					
FS_ID:71078 DS_ID:19696 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 13.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 30.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 30.04). DWR As-Built Specification No. 64-42, Sheet No. 6, 13 August 1964, (HLM 30.04)]. FS Date: 6/24/2021					

LM Start	30.14	Rating **	M	Issue No.	103 (cont)
LM End	30.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71078_104296.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71078_104297.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	30.14	Rating **	M	Issue No.	103 (cont)
LM End	30.14	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.014471 °	37.014471 °	
			-120.429759 °	-120.429759 °	
DWR ID	19696				

Photo 3 of 3 : UCIP_SP_2022_71078_104301.jpg



LS view from toe: concrete headwall at inlet.

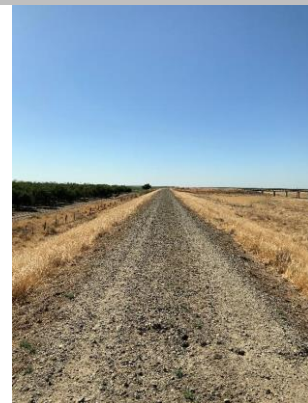
LM Start	31.06	Rating **	M	Issue No.	108
LM End	31.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.004212 °	37.004212 °	
			-120.419178 °	-120.419178 °	
DWR ID	19697				

Comment Code

Inspector Comment

FS_ID:71079
DS_ID:19697
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/24/2021 The record remains Non-Urgent.
Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Some debris buildup at LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 13.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.
[Additional Reference(s): DWR Levee Log, 2002, (HLM 30.97). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 30.96). DWR As-Built Specification No. 64-42, Sheet No. 7, 13 August 1964, (HLM 30.96)].
FS Date: 6/24/2021 3:36:00 PM

Photo 1 of 3 : UCIP_SP_2022_71079_104289.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.06	Rating **	M	Issue No.	108 (cont)
LM End	31.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.004212 °	37.004212 °
				-120.419178 °	-120.419178 °
DWR ID	19697				

Photo 2 of 3 : UCIP_SP_2022_71079_104291.jpg



LS view from crown.

LM Start	31.06	Rating **	M	Issue No.	108 (cont)
LM End	31.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71079_104294.jpg



LS view from toe: concrete headwall at inlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.30	Rating **	M	Issue No.	120
LM End	31.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.001754 °	37.001754 °
				-120.416254 °	-120.416254 °
DWR ID	19698				
Comment Code					
Inspector Comment					
FS_ID:71080 DS_ID:19698 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Some tumbleweed buildup over WS flapgate and LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)					
03/27/2014 Excess vegetation buildup at inlet on LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)					
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.					
[Additional Reference(s): DWR Levee Log, 2002, (HLM 31.20). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.19). DWR As-Built Specification No. 64-42, Sheet No. 7, 13 August 1964, (HLM 31.19)].					
FS Date: 6/24/2021 2:32:00 PM					

LM Start	31.30	Rating **	M	Issue No.	120 (cont)
LM End	31.30	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71080_104282.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71080_104283.jpg



View of LS from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.30	Rating **	M	Issue No.	120 (cont)
LM End	31.30	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.001754 °	37.001754 °	
			-120.416254 °	-120.416254 °	
DWR ID	19698				

Photo 3 of 3 : UCIP_SP_2022_71080_104285.jpg



LS view from toe: concrete headwall at inlet.

LM Start	31.49	Rating **	C	Issue No.	172
LM End	32.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.999637 °	36.990404 °
				-120.413936 °	-120.403691 °
DWR ID	DWR_NA0010_05_f_2021_172				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	31.66	Rating **	U	Issue No.	230
LM End	31.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.997828 °	36.997828 °
				-120.411920 °	-120.411920 °
DWR ID	DWR_NA0010_05_s_2020_230				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows in the waterside slope and shoulder.					

Photo 1 of 1 : SP_2022_NA0010_123_230_20220308_00064.jpg



Rodent burrows in the waterside slope. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.70	Rating **	U	Issue No.	129
LM End	31.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.997410 °	36.997108 °
				-120.411437 °	-120.411092 °
DWR ID	DWR_NA0010_05_f_2020_129				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_129_20220308_00029.jpg



Several large rodent holes noted at this location. (Fall 2020)

LM Start	31.74	Rating **	M	Issue No.	137	
LM End	31.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.997001 °	36.997001 °	
				-120.410991 °	-120.410991 °	
DWR ID	19699					
Comment Code						
Inspector Comment						
FS_ID:71081 DS_ID:19699 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. Wooden planks propping flapgate on WS open; recommend removal before flood season. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: 48-inch by 36-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 31.64). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.64). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 31.64)]. FS Date: 6/24/2021 2:15:00 PM						

Photo 1 of 3 : UCIP_SP_2022_71081_104275.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.74	Rating **	M	Issue No.	137 (cont)
LM End	31.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.997001 °	36.997001 °
				-120.410991 °	-120.410991 °
DWR ID	19699				

Photo 2 of 3 : UCIP_SP_2022_71081_104276.jpg



LS view from crown.

LM Start	31.74	Rating **	M	Issue No.	137 (cont)
LM End	31.74	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71081_104277.jpg



WS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.80	Rating **	M	Issue No.	151	
LM End	31.80	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			36.995029 °		36.995029 °
				-120.408914 °		-120.408914 °
DWR ID	19700					
Comment Code						
Inspector Comment						
FS_ID:71082 DS_ID:19700 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Some tumbleweed buildup at LS inlet and WS flapgate, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 31.69). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.71). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 31.71)]. FS Date: 6/23/2021 2:03:00 PM						

Photo 1 of 3 : UCIP_SP_2022_71082_104269.jpg



View from levee crown.

LM Start	31.80	Rating **	M	Issue No.	151 (cont)
LM End	31.80	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71082_104268.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	31.80	Rating **	M	Issue No.	151 (cont)
LM End	31.80	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995029 °	36.995029 °
				-120.408914 °	-120.408914 °
DWR ID	19700				

Photo 3 of 3 : UCIP_SP_2022_71082_104272.jpg



LS view: inside view of inlet.

LM Start	32.19	Rating **	M	Issue No.	187
LM End	34.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.990854 °	36.979877 °
				-120.404162 °	-120.368963 °
DWR ID	DWR_NA0010_05_s_2022_187				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	32.32	Rating **	M	Issue No.	176
LM End	32.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.989435 °	36.989435 °
				-120.402626 °	-120.402626 °
DWR ID	19701				
Comment Code					
Inspector Comment					
FS_ID:71083 DS_ID:19701 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Limited inspection of LS inlet due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/01/2014 Some silt buildup inside culvert. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 32.22). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 32.22). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 32.22)]. FS Date: 6/23/2021 1:18:00 PM					

LM Start	32.32	Rating **	M	Issue No.	176 (cont)
LM End	32.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71083_104261.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_71083_104262.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	32.32	Rating **	M	Issue No.	176 (cont)
LM End	32.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.989435 °	36.989435 °
				-120.402626 °	-120.402626 °
DWR ID	19701				

Photo 3 of 3 : UCIP_SP_2022_71083_104264.jpg



LS view from toe: concrete headwall at inlet.

LM Start	33.11	Rating **	M	Issue No.	179
LM End	33.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.980861 °	36.980861 °
				-120.393116 °	-120.393116 °
DWR ID	19702				

Comment Code

Inspector Comment

FS_ID:71084

DS_ID:19702

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 06/23/2021 The record remains Non-Urgent. Some tumbleweed buildup over WS flapgate and LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)

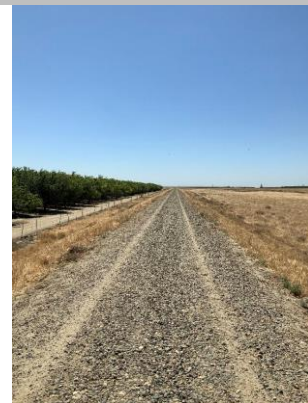
04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Debris buildup blocking landward headwall--recommend contacting owner to clear debris. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.

[Additional Reference(s): DWR Levee Log, 2002, (HLM 33.02). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 33.01). DWR As-Built Specification No. 64-42, Sheet No. 9, 13 August 1964, (HLM 33.01)].

FS Date: 6/23/2021 12:49:00 PM

Photo 1 of 3 : UCIP_SP_2022_71084_104254.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	33.11	Rating **	M	Issue No.	179 (cont)
LM End	33.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.980861 °	36.980861 °
				-120.393116 °	-120.393116 °
DWR ID	19702				

Photo 2 of 3 : UCIP_SP_2022_71084_104256.jpg



LS view from crown.

LM Start	33.11	Rating **	M	Issue No.	179 (cont)
LM End	33.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71084_104257.jpg



LS view from toe: concrete headwall at inlet.

LM Start	33.32	Rating **	M	Issue No.	188
LM End	34.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978632 °	36.979928 °
				-120.390627 °	-120.368946 °
DWR ID	DWR_NA0010_05_s_2022_188				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	33.81	Rating **	M	Issue No.	180
LM End	33.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.976808 °	36.976808 °
				-120.382593 °	-120.382593 °
DWR ID	19703				
Comment Code					
Inspector Comment					
FS_ID:71085 DS_ID:19703 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS and WS due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 13.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 33.72). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 33.72). DWR As-Built Specification No. 64-42, Sheet No. 9, 13 August 1964, (HLM 33.72)]. FS Date: 6/24/2021 12:30:00 PM					

Photo 1 of 3 : UCIP_SP_2022_71085_104247.jpg



View from levee crown.

LM Start	33.81	Rating **	M	Issue No.	180 (cont)
LM End	33.81	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71085_104249.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/06/2022	Corey Fujitani

LM Start	33.81	Rating **	M	Issue No.	180 (cont)
LM End	33.81	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.976808 °	36.976808 °	
			-120.382593 °	-120.382593 °	
DWR ID	19703				

Photo 3 of 3 : UCIP_SP_2022_71085_104252.jpg



LS view from toe: concrete headwall and inlet.

LM Start	33.82	Rating **	M	Issue No.	130
LM End	33.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976849 °	36.976849 °
				-120.382393 °	-120.382393 °
DWR ID	DWR_NA0010_05_f_2017_130				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_123_130_20220308_00030.jpg



Looking east at the landside shoulder.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	61
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275925 °	37.275835 °
				-120.825671 °	-120.824517 °
DWR ID	DWR_NA0010_06_s_2020_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.14	Rating **	M	Issue No.	147
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275637 °	37.275637 °
				-120.823438 °	-120.823438 °
DWR ID	DWR_NA0010_06_s_2022_147				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_147_20220425_00228.jpg



View of rodent burrows on the landside slope. (Spring 2022)

LM Start	0.43	Rating **	M	Issue No.	148
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273651 °	37.273651 °
				-120.818813 °	-120.818813 °
DWR ID	DWR_NA0010_06_s_2022_148				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_148_20220425_00229.jpg



View of active rodent burrows on waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	0.46	Rating **	M	Issue No.	94
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.273362 °	37.273362 °	
			-120.818471 °	-120.818471 °	
DWR ID	DWR_NA0010_06_f_2018_94				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.75	Rating **	M	Issue No.	105
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.270878 °	37.270878 °	
			-120.814459 °	-120.814459 °	
DWR ID	DWR_NA0010_06_s_2021_105				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	0.78	Rating **	M	Issue No.	2	
LM End	0.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.270460 °	37.270460 °	
				-120.814290 °	-120.814290 °	
DWR ID	19816					
Comment Code						
Inspector Comment						
FS_ID:71092 DS_ID:19816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. LS pipe inlet is blocked by barbed wire, limited access and inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Landward side blocked--need to contact owner to determine status of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.86). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.86). DWR As-Built Specification No. 61-01, Sheet No. 45, 7 March 1961, (HLM 0.86)]. FS Date: 7/27/2021						

LM Start	0.78	Rating **	M	Issue No.	2 (cont)
LM End	0.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71092_102876.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71092_102877.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	0.78	Rating **	M	Issue No.	2 (cont)
LM End	0.78	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.270460 °	37.270460 °	
			-120.814290 °	-120.814290 °	
DWR ID	19816				

Photo 3 of 3 : UCIP_SP_2022_71092_102879.jpg



LS view: Top view of pipe inlet at toe.

LM Start	1.18	Rating **	U	Issue No.	93
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.267101 °	37.267101 °
				-120.809603 °	-120.809603 °
DWR ID	DWR_NA0010_06_f_2018_93				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows including large burrows were observed at this location.					

Photo 1 of 1 : SP_2022_NA0010_124_93_20220308_00027.jpg



View of landside slope. (Fall 2018)

LM Start	1.22	Rating **	M	Issue No.	100
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.266610 °	37.266388 °
				-120.809110 °	-120.808893 °
DWR ID	DWR_NA0010_06_s_2021_100				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	1.52	Rating **	M	Issue No.	127
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263176 °	37.263176 °
				-120.805983 °	-120.805983 °
DWR ID	DWR_NA0010_06_f_2021_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_127_20220308_00047.jpg



View of rodent burrows in the landside slope. (Fall 2021)

LM Start	1.84	Rating **	M	Issue No.	125
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259527 °	37.259331 °
				-120.803300 °	-120.802919 °
DWR ID	DWR_NA0010_06_s_2012_125				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	1.87	Rating **	M	Issue No.	4
LM End	1.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259312 °	37.259312 °
				-120.802863 °	-120.802863 °
DWR ID	19817				
Comment Code					
Inspector Comment					
FS_ID:71093 DS_ID:19817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. LS pipe inlet inaccessible due to barbed wire and not visible due to dense vegetation, limited inspection and recommend removing vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 No access was available to landward side due to fence. Recommend removing some of the vegetation on waterward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.96). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.95). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 1.95)]. FS Date: 7/27/2021					

Photo 1 of 3 : UCIP_SP_2022_71093_102901.jpg



Levee crown.

LM Start	1.87	Rating **	M	Issue No.	4 (cont)
LM End	1.87	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71093_102902.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	1.87	Rating **	M	Issue No.	4 (cont)
LM End	1.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259312 °	37.259312 °
				-120.802863 °	-120.802863 °
DWR ID	19817				

Photo 3 of 3 : UCIP_SP_2022_71093_102903.jpg



LS view: Slope from toe.

LM Start	2.23	Rating **	M	Issue No.	146
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256445 °	37.256445 °
				-120.797508 °	-120.797508 °
DWR ID	DWR_NA0010_06_s_2022_146				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
A few rodent burrows observed in this section with large quantities of material displaced.					

Photo 1 of 1 : SP_2022_NA0010_124_146_20220425_00230.jpg



View of rodent holes on the landside slope. (Spring 2022)

LM Start	2.30	Rating **	M	Issue No.	97
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.255734 °	37.255386 °
				-120.796447 °	-120.795906 °
DWR ID	DWR_NA0010_06_s_2021_97				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	2.42	Rating **	U	Issue No.	92
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.254519 °	37.254519 °
				-120.795141 °	-120.795141 °
DWR ID	DWR_NA0010_06_f _ 2018_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_92_20220308_00026.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	2.53	Rating **	M	Issue No.	6
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252948 °	37.252948 °
				-120.794352 °	-120.794352 °
DWR ID	19818				
Comment Code					
Inspector Comment					
FS_ID:71094 DS_ID:19818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.9 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.61). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.61). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 2.61)]. FS Date: 7/27/2021					

Photo 1 of 3 : UCIP_SP_2022_71094_102913.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	2.53	Rating **	M	Issue No.	6 (cont)
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252948 °	37.252948 °	
			-120.794352 °	-120.794352 °	
DWR ID	19818				

Photo 2 of 3 : UCIP_SP_2022_71094_102914.jpg



LS view: Headwall visible at toe from crown.

LM Start	2.53	Rating **	M	Issue No.	6 (cont)
LM End	2.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71094_102915.jpg



LS view: Headwall and slope from toe.

LM Start	2.54	Rating **	M	Issue No.	76
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252874 °	37.252874 °
				-120.794192 °	-120.794192 °
DWR ID	DWR_NA0010_06_f_2016_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent burrows in the landside slope at this location.					

Photo 1 of 1 : SP_2022_NA0010_124_76_20220425_00231.jpg



View of rodent holes on the landside slope looking upstream. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	8	
LM End	2.57	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.252743 °	37.252743 °	
				-120.793756 °	-120.793756 °	
DWR ID	19819					
Comment Code						
Inspector Comment						
FS_ID:71095 DS_ID:19819 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Dense vegetation covering LS pipe inlet, limited inspection and recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.65). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 2.65)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2022_71095_102919.jpg



Levee crown.

LM Start	2.57	Rating **	M	Issue No.	8 (cont)
LM End	2.57	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71095_102920.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	8 (cont)
LM End	2.57	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252743 °	37.252743 °	
			-120.793756 °	-120.793756 °	
DWR ID	19819				

Photo 3 of 3 : UCIP_SP_2022_71095_102921.jpg



LS view: Closeup of pipe inlet at toe with dense vegetation.

LM Start	2.77	Rating **	U	Issue No.	9
LM End	2.77	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253020 °	37.253020 °	
			-120.790219 °	-120.790219 °	
DWR ID	19820				

Comment Code

Inspector Comment

FS_ID:71096
DS_ID:19820
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 07/27/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Dense vegetation covering LS pipe inlet, limited inspection and recommend removal of vegetation. Some minor erosion under WS concrete pad, less than a foot in length. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe-headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.85). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.85). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 2.85)].
FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2022_71096_102928.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	2.77	Rating **	U	Issue No.	9 (cont)
LM End	2.77	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253020 °	37.253020 °
				-120.790219 °	-120.790219 °
DWR ID	19820				

Photo 2 of 3 : UCIP_SP_2022_71096_102929.jpg



LS view: Toe from crown.

LM Start	2.77	Rating **	U	Issue No.	9 (cont)
LM End	2.77	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71096_102930.jpg



LS view: Closeup of pipe inlet at toe covered with vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.01	Rating **	M	Issue No.	10	
LM End	3.01	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.253811 °	37.253811 °	
				-120.786059 °	-120.786059 °	
DWR ID	19821					
Comment Code						
Inspector Comment						
FS_ID:71097 DS_ID:19821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. Limited inspection due to sediment and debris buildup inside LS pipe inlet, recommend removal. Sediment buildup keeping WS flapgate open, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.09). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.09). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.09)]. FS Date: 7/27/2021						

LM Start	3.01	Rating **	M	Issue No.	10 (cont)
LM End	3.01	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71097_102944.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71097_102945.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.01	Rating **	M	Issue No.	10 (cont)
LM End	3.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253811 °	37.253811 °
				-120.786059 °	-120.786059 °
DWR ID	19821				

Photo 3 of 3 : UCIP_SP_2022_71097_102946.jpg



LS view: Slope from toe.

LM Start	3.21	Rating **	M	Issue No.	11
LM End	3.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

Comment Code

Inspector Comment

FS_ID:71098
DS_ID:19822
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. There is minor separation of the CMP and concrete headwall on the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on waterward slope and landward toe (headwall blocked by dense vegetation). Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.29). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.29). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.29)].
FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2022_71098_102952.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.21	Rating **	M	Issue No.	11 (cont)
LM End	3.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

Photo 2 of 3 : UCIP_SP_2022_71098_102953.jpg



LS view: Toe from crown.

LM Start	3.21	Rating **	M	Issue No.	11 (cont)
LM End	3.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71098_102954.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	15	
LM End	3.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.251687 °	37.251687 °	
				-120.778534 °	-120.778534 °	
DWR ID	19825					
Comment Code						
Inspector Comment						
FS_ID:71101 DS_ID:19825 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. WS riser has broken cover, creating a safety hazard. Limited inspection due to dense tumbleweeds over LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Sediment buildup inside pipe visible from landward side. Excess soil is also present on landward toe partially blocking concrete headwall and inlet. Recommend removing soil from landward toe and clear buildup inside. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.8 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. Pipe connects to a 30-inch steel drainage pipe on the WS. Drainage pipe extends to the pump on the WS on a support platform in the channel. (30-inch drainage pipe and pump authorized under Permit No. 12527, 1979 - Joseph Gallo). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.54). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.54). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.54)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2022_71101_102976.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	15 (cont)
LM End	3.47	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.251687 °	37.251687 °	
			-120.778534 °	-120.778534 °	
DWR ID	19825				

Photo 2 of 3 : UCIP_SP_2022_71101_102972.jpg



LS view: Headwall visible at toe from crown.

LM Start	3.47	Rating **	M	Issue No.	15 (cont)
LM End	3.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71101_102973.jpg



LS view: Headwall and slope from toe.

LM Start	3.49	Rating **	M	Issue No.	67
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251602 °	37.251602 °
				-120.778118 °	-120.778118 °
DWR ID	DWR_NA0010_06_f_2017_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_67_20220308_00007.jpg



View of active rodent and burrow on the landside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.68	Rating **	A/W	Issue No.	122
LM End	3.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.251161 °	37.251161 °
				-120.774659 °	-120.774659 °
DWR ID	DWR_NA0010_06_f_2021_122				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	3.69	Rating **	M	Issue No.	16	
LM End	3.69	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.251199 °	37.251199 °	
				-120.774474 °	-120.774474 °	
DWR ID	19826					
Comment Code						
Inspector Comment						
FS_ID:71102 DS_ID:19826 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS pipe inlet due to vegetation covering it, recommend removal. Exterior liner of WS flapgate is significantly chipping off. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.77). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.77)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2022_71102_102981.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.69	Rating **	M	Issue No.	16 (cont)
LM End	3.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251199 °	37.251199 °
				-120.774474 °	-120.774474 °
DWR ID	19826				

Photo 2 of 3 : UCIP_SP_2022_71102_102982.jpg



LS view: Headwall visible at toe from crown.

LM Start	3.69	Rating **	M	Issue No.	16 (cont)
LM End	3.69	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71102_102983.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.89	Rating **	M	Issue No.	17
LM End	3.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250742 °	37.250742 °
				-120.771026 °	-120.771026 °
DWR ID	19827				
Comment Code					
Inspector Comment					
FS_ID:71103 DS_ID:19827 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.7 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.97). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.97)]. FS Date: 7/27/2021					

Photo 1 of 3 : UCIP_SP_2022_71103_102994.jpg



Levee crown.

LM Start	3.89	Rating **	M	Issue No.	17 (cont)
LM End	3.89	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71103_102995.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	3.89	Rating **	M	Issue No.	17 (cont)
LM End	3.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250742 °	37.250742 °
				-120.771026 °	-120.771026 °
DWR ID	19827				

Photo 3 of 3 : UCIP_SP_2022_71103_102996.jpg



LS view: Headwall and slope from toe.

LM Start	4.09	Rating **	M	Issue No.	18
LM End	4.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248353 °	37.248353 °
				-120.768922 °	-120.768922 °
DWR ID	19828				

Comment Code

Inspector Comment

FS_ID:71104
DS_ID:19828
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/27/2021 The record remains Non-Urgent. Limited inspection due to LS pipe inlet being covered by dense tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.17). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.17). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.17)].
FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2022_71104_103005.jpg



Levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.09	Rating **	M	Issue No.	18 (cont)
LM End	4.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248353 °	37.248353 °
				-120.768922 °	-120.768922 °
DWR ID	19828				

Photo 2 of 3 : UCIP_SP_2022_71104_103006.jpg



LS view: Toe from crown.

LM Start	4.09	Rating **	M	Issue No.	18 (cont)
LM End	4.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71104_103007.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.33	Rating **	M	Issue No.	20	
LM End	4.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.246459 °	37.246459 °	
				-120.765470 °	-120.765470 °	
DWR ID	19829					
Comment Code						
Inspector Comment						
FS_ID:71105 DS_ID:19829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection due to LS pipe inlet having some vegetation overgrowth over it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.41). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.41)]. FS Date: 7/27/2021						

LM Start	4.33	Rating **	M	Issue No.	20 (cont)
LM End	4.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71105_103019.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71105_103020.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.33	Rating **	M	Issue No.	20 (cont)
LM End	4.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246459 °	37.246459 °
				-120.765470 °	-120.765470 °
DWR ID	19829				

Photo 3 of 3 : UCIP_SP_2022_71105_103021.jpg



LS view: Headwall and slope from toe.

LM Start	4.62	Rating **	M	Issue No.	23
LM End	4.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243946 °	37.243946 °
				-120.761296 °	-120.761296 °
DWR ID	19830				

Comment Code

Inspector Comment

FS_ID:71106
DS_ID:19830
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/27/2021 The record remains Non-Urgent. WS riser has no cover, causing safety hazard. Limited inspection due to LS pipe inlet completely buried within large dirt pile, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Sediment buildup inside crossing visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.9 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.69). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.70). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.70)].
FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2022_71106_103030.jpg



Levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.62	Rating **	M	Issue No.	23 (cont)
LM End	4.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243946 °	37.243946 °
				-120.761296 °	-120.761296 °
DWR ID	19830				

Photo 2 of 3 : UCIP_SP_2022_71106_103031.jpg



LS view: Toe from crown.

LM Start	4.62	Rating **	M	Issue No.	23 (cont)
LM End	4.62	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71106_103032.jpg



LS view: Pile of dirt completely covering pipe inlet at toe.

LM Start	4.65	Rating **	M	Issue No.	145
LM End	5.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.243674 °	37.238524 °
				-120.760957 °	-120.745497 °
DWR ID	DWR_NA0010_06_s_2022_145				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.65	Rating **	M	Issue No.	144
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.243674 °	37.238465 °
				-120.760957 °	-120.744336 °
DWR ID	DWR_NA0010_06_s_2022_144				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.67	Rating **	U	Issue No.	24
LM End	4.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °
				-120.760564 °	-120.760564 °
DWR ID	19831				
Comment Code					
Inspector Comment					
FS_ID:71107 DS_ID:19831 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5. Crossing will be monitored until funding becomes available to address the issues. Vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)04/18/2014 Need to contact owner. Recommend removing tall grass on landward toe to determine condition of crossing from landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.75). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.75). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.75)]. FS Date: 7/27/2021					

Photo 1 of 3 : UCIP_SP_2022_71107_103037.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.67	Rating **	U	Issue No.	24 (cont)
LM End	4.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °
				-120.760564 °	-120.760564 °
DWR ID	19831				

Photo 2 of 3 : UCIP_SP_2022_71107_103038.jpg



LS view: Toe from crown.

LM Start	4.67	Rating **	U	Issue No.	24 (cont)
LM End	4.67	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71107_103039.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.86	Rating **	M	Issue No.	25
LM End	4.86	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.242024 °	37.242024 °	
			-120.757602 °	-120.757602 °	
DWR ID	19862				

Comment Code

Inspector Comment

FS_ID:71108
DS_ID:19862
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection due to dense vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along waterward slope to conduct proper inspection of structure. Also recommend removing dense vegetation blocking landward headwall. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 4.95). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.94). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.94)].
FS Date: 7/27/2021

LM Start	4.86	Rating **	M	Issue No.	25 (cont)
LM End	4.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71108_103046.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71108_103047.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	4.86	Rating **	M	Issue No.	25 (cont)
LM End	4.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242024 °	37.242024 °
				-120.757602 °	-120.757602 °
DWR ID	19862				

Photo 3 of 3 : UCIP_SP_2022_71108_103048.jpg



LS view: Headwall and slope from toe.

LM Start	5.26	Rating **	M	Issue No.	26
LM End	5.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.239098 °	37.239098 °
				-120.751774 °	-120.751774 °
DWR ID	19863				

Comment Code

Inspector Comment

FS_ID:71109
 DS_ID:19863
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Clear vegetation from waterward slope and landward headwall. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.35). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.34). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 5.34)].
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2022_71109_103067.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	5.26	Rating **	M	Issue No.	26 (cont)
LM End	5.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.239098 °	37.239098 °
				-120.751774 °	-120.751774 °
DWR ID	19863				

Photo 2 of 3 : UCIP_SP_2022_71109_103068.jpg



LS view: Toe from crown.

LM Start	5.26	Rating **	M	Issue No.	26 (cont)
LM End	5.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71109_103069.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	5.55	Rating **	M	Issue No.	27	
LM End	5.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.238610 °	37.238610 °	
				-120.746591 °	-120.746591 °	
DWR ID	19864					
Comment Code						
Inspector Comment						
FS_ID:71110 DS_ID:19864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Limited inspection due to vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also recommend removing excess vegetation at landward headwall. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.63). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.63). DWR As-Built Specification No. 61-01, Sheet No. 49, 7 March 1961, (HLM 5.63)]. FS Date: 7/27/2021						

LM Start	5.55	Rating **	M	Issue No.	27 (cont)
LM End	5.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71110_103076.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71110_103077.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

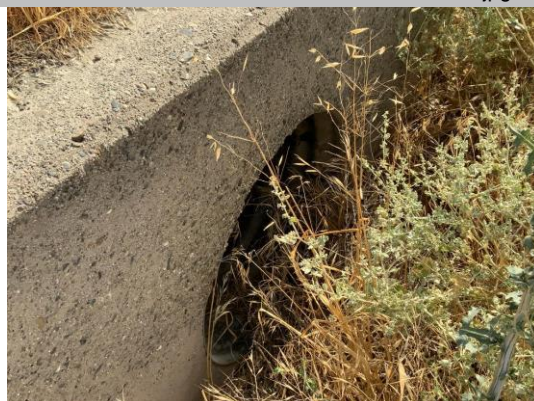
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	5.55	Rating **	M	Issue No.	27 (cont)
LM End	5.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238610 °	37.238610 °
				-120.746591 °	-120.746591 °
DWR ID	19864				

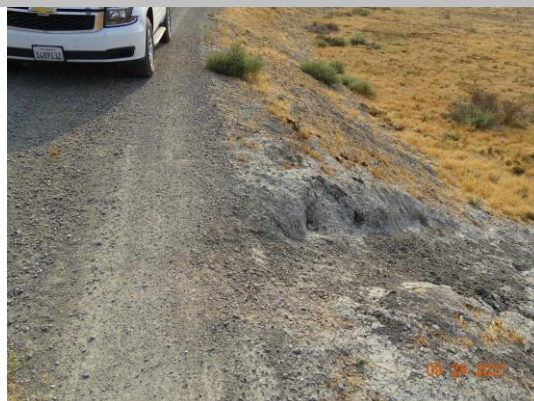
Photo 3 of 3 : UCIP_SP_2022_71110_103078.jpg



LS view: Closeup of pipe inlet at toe with vegetation growth.

LM Start	5.77	Rating **	U	Issue No.	66
LM End	5.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238354 °	37.238354 °
				-120.742480 °	-120.742480 °
DWR ID	DWR_NA0010_06_f_2017_66				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is damage to the landside slope and shoulder from livestock.					

Photo 1 of 1 : SP_2022_NA0010_124_66_20220308_00006.jpg



View of damage to landside slope from livestock traffic looking downstream. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	5.98	Rating **	M	Issue No.	28
LM End	5.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.236414 °	37.236414 °
				-120.739735 °	-120.739735 °
DWR ID	19865				
Comment Code					
Inspector Comment					
FS_ID:71111 DS_ID:19865 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears to be in good condition. Separate 10 inch plastic pipe inlet and flowmeter off the LS toe across this Crossing's inlet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 7/19/2016 Site has been repaired on WS and LS (see photos below). (O. Magana - DWR UCIP)5/26/2016 Erosion is undermining the WS headwall of drainage structure (photos of WS headwall provided by DWR Inspector R. Willoughby). Potential pipe failure at the outlet just behind headwall, recommend completing internal wall integrity of pipe length through levee to determine extent of damage to pipe. (O. Magana - DWR UCIP)4/18/2014 Need to contact owner. Sediment buildup in pipe visible on landside--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.06). DWR As-Built Specification No. 61-01, Sheet No. 49, 7 March 1961, (HLM 6.06)]. FS Date: 7/27/2021					

Photo 1 of 3 : UCIP_SP_2022_71111_103092.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	5.98	Rating **	M	Issue No.	28 (cont)
LM End	5.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.236414 °	37.236414 °
				-120.739735 °	-120.739735 °
DWR ID	19865				

Photo 2 of 3 : UCIP_SP_2022_71111_103093.jpg



LS view: Toe from crown.

LM Start	5.98	Rating **	M	Issue No.	28 (cont)
LM End	5.98	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71111_103094.jpg



LS toe: Headwall and slope from toe.

LM Start	6.06	Rating **	M	Issue No.	22
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235777 °	37.235610 °
				-120.738598 °	-120.738212 °
DWR ID	DWR_NA0010_06_s_2012_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.09	Rating **	M	Issue No.	21
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235623 °	37.235623 °
				-120.738017 °	-120.738017 °
DWR ID	DWR_NA0010_06_s_2012_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.09	Rating **	M	Issue No.	85
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.235572 °	37.235572 °
				-120.738002 °	-120.738002 °
DWR ID	DWR_NA0010_06_f_2018_85				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Livestock damage to slope and shoulder of levee.					

Photo 1 of 1 : SP_2022_NA0010_124_85_20220308_00020.jpg



View of livestock damage on waterside slope. (Fall 2018)

LM Start	6.10	Rating **	M	Issue No.	84
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.235570 °	37.235570 °
				-120.737998 °	-120.737998 °
DWR ID	DWR_NA0010_06_f_2018_84				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to slope and crown from livestock.					

Photo 1 of 1 : SP_2022_NA0010_124_84_20220308_00019.jpg



Erosion to slope and into crown from livestock. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.15	Rating **	M	Issue No.	95
LM End	6.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235349 °	37.235349 °
				-120.737047 °	-120.737047 °
DWR ID	DWR_NA0010_06_s _ 2021_95				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.63	Rating **	M	Issue No.	90
LM End	6.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231384 °	37.231384 °
				-120.730297 °	-120.730297 °
DWR ID	DWR_NA0010_06_s _ 2021_90				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_90_20220308_00024.jpg



Looking at multiple rodent holes in the landside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.70	Rating **	M	Issue No.	29	
LM End	6.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.230508 °	37.230508 °	
				-120.729634 °	-120.729634 °	
DWR ID	19866					
Comment Code						
Inspector Comment						
FS_ID:71112 DS_ID:19866 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.0 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.79). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 6.79)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2022_71112_103109.jpg



Levee crown.

LM Start	6.70	Rating **	M	Issue No.	29 (cont)
LM End	6.70	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71112_103106.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.70	Rating **	M	Issue No.	29 (cont)
LM End	6.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.230508 °	37.230508 °
				-120.729634 °	-120.729634 °
DWR ID	19866				

Photo 3 of 3 : UCIP_SP_2022_71112_103107.jpg



LS view: Closeup of pipe inlet at toe.

LM Start	6.88	Rating **	M	Issue No.	143
LM End	6.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.228370 °	37.228370 °
				-120.728004 °	-120.728004 °
DWR ID	DWR_NA0010_06_s_2022_143				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_143_20220425_00232.jpg



Levee damage on the landside slope from livestock activity. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.89	Rating **	M	Issue No.	30	
LM End	6.89	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.228253 °	37.228253 °	
				-120.727865 °	-120.727865 °	
DWR ID	19867					
Comment Code						
Inspector Comment						
FS_ID:71113 DS_ID:19867 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. The cover on the WS riser is broken, causing a safety concern. There is another riser, pump, and pipe out closer to the channel on the WS but is not within 15 feet of the toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.7 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.97). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.97). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 6.97)]. FS Date: 7/13/2021						

LM Start	6.89	Rating **	M	Issue No.	30 (cont)
LM End	6.89	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71113_101625.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71113_101628.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	6.89	Rating **	M	Issue No.	30 (cont)
LM End	6.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228253 °	37.228253 °
				-120.727865 °	-120.727865 °
DWR ID	19867				

Photo 3 of 3 : UCIP_SP_2022_71113_101629.jpg



LS view: Closeup of pipe inlet at toe.

LM Start	6.92	Rating **	M	Issue No.	79
LM End	6.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.228054 °	37.228054 °
				-120.727428 °	-120.727428 °
DWR ID	DWR_NA0010_06_f_2018_79				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_124_79_20220308_00015.jpg



View down the landside slope of damage from livestock. (Fall 2020)

LM Start	7.10	Rating **	C	Issue No.	7
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.226675 °	37.226675 °
				-120.724498 °	-120.724498 °
DWR ID	DWR_NA0010_06_s_2012_7				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	7.21	Rating **	M	Issue No.	31	
LM End	7.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °	
				-120.722739 °	-120.722739 °	
DWR ID	19868					
Comment Code						
Inspector Comment						
FS_ID:71114 DS_ID:19868 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 Record is still Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Clear animal from waterward side. Some sediment buildup in pipe visible landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.29). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.29). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 7.29)]. FS Date: 7/13/2021						

Photo 1 of 3 : UCIP_SP_2022_71114_101634.jpg



Levee crown.

LM Start	7.21	Rating **	M	Issue No.	31 (cont)
LM End	7.21	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71114_101638.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	7.21	Rating **	M	Issue No.	31 (cont)
LM End	7.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °
				-120.722739 °	-120.722739 °
DWR ID	19868				

Photo 3 of 3 : UCIP_SP_2022_71114_101639.jpg



LS view: Slope and headwall at toe.

LM Start	7.66	Rating **	M	Issue No.	32
LM End	7.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222743 °	37.222743 °
				-120.716416 °	-120.716416 °
DWR ID	19869				

Comment Code

Inspector Comment

FS_ID:71115
DS_ID:19869
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No longer sediment buildup as mentioned in previous inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Some sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Skewed crossing. [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.74). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.74). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 7.74)].
FS Date: 7/13/2021

Photo 1 of 3 : UCIP_SP_2022_71115_101643.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	7.66	Rating **	M	Issue No.	32 (cont)
LM End	7.66	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.222743 °	37.222743 °	
			-120.716416 °	-120.716416 °	
DWR ID	19869				

Photo 2 of 3 : UCIP_SP_2022_71115_101644.jpg



LS view: Headwall visible at toe from crown.

LM Start	7.66	Rating **	M	Issue No.	32 (cont)
LM End	7.66	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71115_101645.jpg



LS view: Slope and headwall at toe.

LM Start	7.66	Rating **	M	Issue No.	74
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.222689 °	37.222689 °
				-120.716400 °	-120.716400 °
DWR ID	DWR_NA0010_06_f_2018_74				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to levee slope from livestock access.					

Photo 1 of 1 : SP_2022_NA0010_124_74_20220425_00233.jpg



Slope damage from livestock. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	8.08	Rating **	A/W	Issue No.	65
LM End	8.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.217199 °	37.217199 °
				-120.713374 °	-120.713374 °
DWR ID	DWR_NA0010_06_f_2017_65				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Livestock damage to levee slope.					

Photo 1 of 1 : SP_2022_NA0010_124_65_20220308_00005.jpg



Looking southwest at the landside slope.

LM Start	8.13	Rating **	M	Issue No.	33
LM End	8.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.216547 °	37.216547 °
				-120.713000 °	-120.713000 °
DWR ID	19870				
Comment Code					
Inspector Comment					
FS_ID:71116 DS_ID:19870 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. Some vegetation buildup over LS pipe inlet and WS flapgate, recommend removal of vegetation on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Sediment buildup in pipe--recommend contacting owner to clear sediment. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.22). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.21). DWR As-Built Specification No. 61-01, Sheet No. 51, 7 March 1961, (HLM 8.21)]. FS Date: 7/13/2021					

Photo 1 of 3 : UCIP_SP_2022_71116_102248.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	33 (cont)
LM End	8.13	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.216547 °	37.216547 °	
			-120.713000 °	-120.713000 °	
DWR ID	19870				

Photo 2 of 3 : UCIP_SP_2022_71116_102249.jpg



LS view: Toe from crown.

LM Start	8.13	Rating **	M	Issue No.	33 (cont)
LM End	8.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71116_102250.jpg



LS view: Closeup of pipe inlet at toe. Some vegetation blocking.

LM Start	8.20	Rating **	A/W	Issue No.	104
LM End	8.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.215588 °	37.215588 °
				-120.712406 °	-120.712406 °
DWR ID	DWR_NA0010_06_f_2020_104				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage on both sides has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_124_104_20220308_00033.jpg



Livestock damage to the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	8.32	Rating **	A/W	Issue No.	89
LM End	8.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.214273 °	37.214273 °
				-120.711100 °	-120.711100 °
DWR ID	DWR_NA0010_06_f_2019_89				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_124_89_20220308_00023.jpg



View of damage to the waterside slope looking upstream. (Fall 2019)

LM Start	8.33	Rating **	A/W	Issue No.	142
LM End	8.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.214232 °	37.214232 °
				-120.711025 °	-120.711025 °
DWR ID	DWR_NA0010_06_s_2022_142				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_142_20220425_00234.jpg



Looking down the levee slope at livestock damage. (Spring 2022)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	8.43	Rating **	M	Issue No.	34
LM End	8.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.213288 °	37.213288 °
				-120.709503 °	-120.709503 °
DWR ID	19871				
Comment Code					
Inspector Comment					
FS_ID:71117 DS_ID:19871 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Inside of LS pipe inlet is rusted but no visible holes or deterioration. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side--recommend clearing. Good candidate for pressure test or video inspection due to signs of heavy corrosion. If no leaks after tests this crossing would be a good candidate for rehabilitation. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 8.51). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.51). DWR As-Built Specification No. 61-01, Sheet No. 51, 7 March 1961, (HLM 8.51)]. FS Date: 7/13/2021					

LM Start	8.43	Rating **	M	Issue No.	34 (cont)
LM End	8.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71117_102254.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71117_102255.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	8.43	Rating **	M	Issue No.	34 (cont)
LM End	8.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.213288 °	37.213288 °
				-120.709503 °	-120.709503 °
DWR ID	19871				

Photo 3 of 3 : UCIP_SP_2022_71117_102256.jpg



LS view: Headwall and slope at toe.

LM Start	8.61	Rating **	M	Issue No.	121
LM End	8.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.211700 °	37.210809 °
				-120.706976 °	-120.706106 °
DWR ID	DWR_NA0010_06_f_2021_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_121_20220308_00044.jpg



Looking at rodent holes in the landside slope. (Fall 2021)

LM Start	9.67	Rating **	M	Issue No.	103
LM End	9.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200934 °	37.200836 °
				-120.694084 °	-120.693406 °
DWR ID	DWR_NA0010_06_f_2020_103				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_103_20220308_00032.jpg



Rodent holes in the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	10.12	Rating **	U	Issue No.	102
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.196845 °	37.196845 °
				-120.687892 °	-120.687892 °
DWR ID	DWR_NA0010_06_f _ 2020_102				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_102_20220308_00031.jpg



View of large animal burrow in the landside slope. (Fall 2020)

LM Start	10.96	Rating **	A/W	Issue No.	141
LM End	10.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.187999 °	37.187999 °
				-120.677522 °	-120.677522 °
DWR ID	DWR_NA0010_06_s_2022_141				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_141_20220425_00235.jpg



View of damage to the landside slope. (Spring 2022)

LM Start	11.49	Rating **	M	Issue No.	14
LM End	11.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.186189 °	37.186189 °
				-120.668476 °	-120.668476 °
DWR ID	DWR_NA0010_06_s_2015_14				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Almond tree located along Sandy Mush Road on waterside slope.					

Photo 1 of 1 : SP_2022_NA0010_124_14_20220308_00003.jpg



Looking west at tree on waterward slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	11.74	Rating **	M	Issue No.	46	
LM End	11.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.185513 °	37.185513 °	
				-120.664561 °	-120.664561 °	
DWR ID	19876					
Comment Code						
Inspector Comment						
FS_ID:71151 DS_ID:19876 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Dense vegetation over LS inlet and WS outlet, recommend removal of vegetation from both sides. Limited inspection of both inlet and outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Clear debris from waterward and landward toes. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 17.0 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.83). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.82). DWR As-Built Specification No. 59-01, Sheet No. 66, 10 December 1958, (HLM 11.82)]. FS Date: 7/13/2021						

Photo 1 of 3 : UCIP_SP_2022_71151_102330.jpg



Levee crown.

LM Start	11.74	Rating **	M	Issue No.	46 (cont)
LM End	11.74	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71151_102328.jpg



WS view: Flapgate barely visible under dense vegetation at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	11.74	Rating **	M	Issue No.	46 (cont)
LM End	11.74	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.185513 °	37.185513 °	
			-120.664561 °	-120.664561 °	
DWR ID	19876				

Photo 3 of 3 : UCIP_SP_2022_71151_102329.jpg



LS view: Slope from toe.

LM Start	11.76	Rating **	M	Issue No.	139
LM End	13.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.185221 °	37.171704 °
				-120.664567 °	-120.657939 °
DWR ID	DWR_NA0010_06_s_2022_139				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_139_20220425_00236.jpg



Looking upstream along the landside slope. (Spring 2022)

LM Start	11.81	Rating **	M	Issue No.	140
LM End	12.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.184575 °	37.176229 °
				-120.664568 °	-120.664591 °
DWR ID	DWR_NA0010_06_s_2022_140				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	13.22	Rating **	M	Issue No.	47	
LM End	13.22	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.171675 °	37.171675 °	
				-120.655064 °	-120.655064 °	
DWR ID	19877					
Comment Code						
Inspector Comment						
FS_ID:71152 DS_ID:19877 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Partial cover on WS riser, recommend repair for safety reasons. Limited inspection due to LS pipe inlet being overed with vegetation, headwall barely visible, recommend removal. WS outlet not found, possibly buried under dirt or vegetaion. Recommend removal of vegetation and dirt to uncover WS pipe outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.31). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.30). DWR As-Built Specification No. 59-01, Sheet No. 67, 10 December 1958, (HLM 13.30)]. FS Date: 7/13/2021						

Photo 1 of 3 : UCIP_SP_2022_71152_102335.jpg



Levee crown.

LM Start	13.22	Rating **	M	Issue No.	47 (cont)
LM End	13.22	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71152_102334.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	13.22	Rating **	M	Issue No.	47 (cont)
LM End	13.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171675 °	37.171675 °
				-120.655064 °	-120.655064 °
DWR ID	19877				

Photo 3 of 3 : UCIP_SP_2022_71152_102339.jpg



LS view: Toe from crown.

LM Start	14.00	Rating **	U	Issue No.	120
LM End	14.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.171591 °	37.171591 °
				-120.640938 °	-120.640938 °
DWR ID	DWR_NA0010_06_f_2021_120				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Caving has eaten approximately 1 foot into the levee crown.					

Photo 1 of 1 : SP_2022_NA0010_124_120_20220429_00238.jpg



View of slope stability issue on the landside slope. (Spring 2022)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	14.36	Rating **	M	Issue No.	48
LM End	14.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				
Comment Code					
Inspector Comment					
FS_ID:71153 DS_ID:19878 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to LS pipe inlet not being found, assuming its completely buried. Recommend removing dirt and vegetation to find alignment and confirming with owner on the status of this pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.45). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 14.44). DWR As-Built Specification No. 59-01, Sheet No. 68, 10 December 1958, (HLM 14.44)]. FS Date: 7/13/2021					

Photo 1 of 3 : UCIP_SP_2022_71153_102392.jpg



Levee crown.

LM Start	14.36	Rating **	M	Issue No.	48 (cont)
LM End	14.36	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71153_102396.jpg



LS view: Slope from crown, no pipe visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	14.36	Rating **	M	Issue No.	48 (cont)
LM End	14.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				

Photo 3 of 3 : UCIP_SP_2022_71153_102397.jpg



LS view: Slope from toe, no pipe visible.

LM Start	14.37	Rating **	A/W	Issue No.	98
LM End	14.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.167740 °	37.167740 °
				-120.636282 °	-120.636282 °
DWR ID	DWR_NA0010_06_f _ 2020_98				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_98_20220308_00029.jpg



Looking upstream along the waterside slope. (Fall 2020)

LM Start	14.63	Rating **	A/W	Issue No.	101
LM End	14.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.164871 °	37.164824 °
				-120.633222 °	-120.633167 °
DWR ID	DWR_NA0010_06_f_2018_101				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrows are located along landside shoulder.					

Photo 1 of 1 : SP_2022_NA0010_124_101_20220308_00030.jpg



View of rodent hole on landside shoulder. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	15.31	Rating **	U	Issue No.	124
LM End	15.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.159932 °	37.157217 °
				-120.622810 °	-120.618915 °
DWR ID	DWR_NA0010_06_s_2012_124				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_124_20220308_00046.jpg



Large rodent burrows observed in the landside slope. (Fall 2021)

LM Start	15.32	Rating **	M	Issue No.	118
LM End	15.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.159815 °	37.159815 °
				-120.622513 °	-120.622513 °
DWR ID	DWR_NA0010_06_s_2022_118				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_118_20220429_00240.jpg



View of rodent holes on the waterside slope. (Spring 2022)

LM Start	15.66	Rating **	M	Issue No.	137
LM End	15.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.157108 °	37.157108 °
				-120.617451 °	-120.617451 °
DWR ID	DWR_NA0010_06_s_2022_137				
Comment Code					
Inspector Comment					
New gate installed does not have enough clearance above the levee crown to fully open. This a possible access issue for larger vehicles. Recommend reinstalling or replacing.					

Photo 1 of 1 : SP_2022_NA0010_124_137_20220429_00241.jpg



View of access gate that cannot fully open and is damaging the levee crown. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	15.68	Rating **	M	Issue No.	49	
LM End	15.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.156934 °		37.156934 °
				-120.617210 °		-120.617210 °
DWR ID	19884					
Comment Code						
Inspector Comment						
FS_ID:71133 DS_ID:19884 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection of LS pipe inlet. LS pipe edges are warped and inlet filled with sediment and some vegetation, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Need to contact owner. Sediment buildup on both the waterward and landward side. Recommend removing sediment buildup from both side. Also recommend clearing excess sediment inside crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.76). DWR As-Built Specification No. 59-01, Sheet No. 69, 10 December 1958, (HLM 15.76)]. FS Date: 7/13/2021						

LM Start	15.68	Rating **	M	Issue No.	49 (cont)
LM End	15.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71133_102352.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71133_102351.jpg



LS view: Closeup of pipe inlet at toe with sediment buildup.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	15.68	Rating **	M	Issue No.	49 (cont)
LM End	15.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155934 °	37.155934 °
				-120.617210 °	-120.617210 °
DWR ID	19884				

Photo 3 of 3 : UCIP_SP_2022_71133_102350.jpg



LS view: Headwall visible at toe.

LM Start	15.82	Rating **	M	Issue No.	50
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °
				-120.615303 °	-120.615303 °
DWR ID	19885				

Comment Code

Inspector Comment

FS_ID:71134
DS_ID:19885
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/13/2021 The record remains Non-Urgent. LS pipe inlet was underwater at time of inspection. WS flapgate was buried under sediment, limited inspection on both ends. Recommend removal of sediment covering flapgate on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Need to contact owner to determine status of crossing. Waterward side is buried and not accessible. Landward side headwall is blocked by dense vegetation. Recommend confirming status of flap gate on waterward side and removing dense vegetation form landward side. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.93). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.91). DWR As-Built Specification No. 59-01, Sheet No. 69, 10 December 1958, (HLM 15.91)].
FS Date: 7/13/2021

Photo 1 of 3 : UCIP_SP_2022_71134_102362.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	50 (cont)
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °
				-120.615303 °	-120.615303 °
DWR ID	19885				

Photo 2 of 3 : UCIP_SP_2022_71134_102365.jpg



LS view: Closeup of slidegate underwater at toe.

LM Start	15.82	Rating **	M	Issue No.	50 (cont)
LM End	15.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71134_102364.jpg



LS view: Slope from toe.

LM Start	16.24	Rating **	M	Issue No.	83
LM End	16.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.151529 °	37.151529 °
				-120.609767 °	-120.609767 °
DWR ID	DWR_NA0010_06_s_2021_83				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	16.98	Rating **	M	Issue No.	116
LM End	16.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.143090 °	37.143090 °
				-120.601488 °	-120.601488 °
DWR ID	DWR_NA0010_06_f_2021_116				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	17.10	Rating **	M	Issue No.	115
LM End	17.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.141678 °	37.141305 °
				-120.600221 °	-120.599949 °
DWR ID	DWR_NA0010_06_f_2021_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_115_20220429_00242.jpg



Looking along the landside slope at rodent burrows. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	18.20	Rating **	M	Issue No.	53	
LM End	18.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.127773 °	37.127773 °	
				-120.590809 °	-120.590809 °	
DWR ID	19887					
Comment Code						
Inspector Comment						
FS_ID:71137 DS_ID:19887 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. LS pipe inlet filled with sediment, recommend removal. WS flapgate has some vegetation over it, recommend removal. Limited inspection on both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)						
04/17/2014 Sediment build up on landward side toe -- debris blockage. No photos available. Recommend taking photos of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.29). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.27). DWR As-Built Specification No. 59-01, Sheet No. 70, 10 December 1958, (HLM 18.27)]. FS Date: 7/13/2021						

LM Start	18.20	Rating **	M	Issue No.	53 (cont)
LM End	18.20	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71137_101418.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71137_101419.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	18.20	Rating **	M	Issue No.	53 (cont)
LM End	18.20	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.127773 °	37.127773 °	
			-120.590809 °	-120.590809 °	
DWR ID	19887				

Photo 3 of 3 : UCIP_SP_2022_71137_101420.jpg



LS view: Slope from toe.

LM Start	18.89	Rating **	M	Issue No.	55
LM End	18.89	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.118178 °	37.118178 °	
			-120.586783 °	-120.586783 °	
DWR ID	19889				

Comment Code

Inspector Comment

FS_ID:71139
DS_ID:19889
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/12/2021 The record remains Non-Urgent. Barbed wire over LS end, could not inspect closely. No cover over WS riser, causing safety hazard. Slightly warped edges on both WS and LS pipe inlet/outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)

04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.2 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.97). DWR As-Built Specification No. 59-01, Sheet No. 71, 10 December 1958, (HLM 18.97)].
FS Date: 7/12/2021

Photo 1 of 3 : UCIP_SP_2022_71139_101558.jpg



Levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	18.89	Rating **	M	Issue No.	55 (cont)
LM End	18.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.118178 °	37.118178 °
				-120.586783 °	-120.586783 °
DWR ID	19889				

Photo 2 of 3 : UCIP_SP_2022_71139_101559.jpg



LS view: Toe from crown.

LM Start	18.89	Rating **	M	Issue No.	55 (cont)
LM End	18.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71139_101560.jpg



LS view: Top of pipe inlet at headwall at toe.

LM Start	19.07	Rating **	U	Issue No.	72
LM End	19.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115706 °	37.115706 °
				-120.587036 °	-120.587036 °
DWR ID	DWR_NA0010_06_s_2021_72				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_72_20220308_00011.jpg



Large rodent burrows observed in the landside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	19.14	Rating **	A/W	Issue No.	1211
LM End	19.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.114793 °	37.114793 °
				-120.587582 °	-120.587582 °
DWR ID	DWR_NA0010_06_s_2022_1211				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes with more than 2 cubic feet of material were previously noted on the waterside slope.					

Photo 1 of 1 : SP_2022_NA0010_124_1211_20220308_00053.jpg



Looking at several rodent holes on waterward slope. (Fall 2015)

LM Start	19.22	Rating **	M	Issue No.	136
LM End	19.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.113716 °	37.113716 °
				-120.588225 °	-120.588225 °
DWR ID	DWR_NA0010_06_s_2022_136				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_136_20220429_00243.jpg



Looking downstream along the landside slope at rodent burrows. (Spring 2022)

LM Start	19.23	Rating **	M	Issue No.	135
LM End	19.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.113581 °	37.113581 °
				-120.588310 °	-120.588310 °
DWR ID	DWR_NA0010_06_s_2022_135				
Comment Code					
Inspector Comment					
Bottom of gate has broken off near hinge causing the gate to drag.					

Photo 1 of 1 : SP_2022_NA0010_124_135_20220429_00244.jpg



View of access gate with a broken bottom hinge. (Spring 2022)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	19.25	Rating **	M	Issue No.	134
LM End	19.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.113342 °	37.112805 °
				-120.588452 °	-120.586739 °
DWR ID	DWR_NA0010_06_s_2022_134				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	19.28	Rating **	M	Issue No.	56	
LM End	19.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °	
				-120.588751 °	-120.588751 °	
DWR ID	19890					
Comment Code						
Inspector Comment						
FS_ID:71140 DS_ID:19890 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet visible but underwater, unable to inspect closely. LS pipe inlet was not seen, but likely underwater. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 20.0 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. Riprap along the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.36). DWR As-Built Specification No. 59-01, Sheet No. 72, 10 December 1958, (HLM 19.36)]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP_SP_2022_71140_101574.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	19.28	Rating **	M	Issue No.	56 (cont)
LM End	19.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °
				-120.588751 °	-120.588751 °
DWR ID	19890				

Photo 2 of 3 : UCIP_SP_2022_71140_101575.jpg



LS view: Slope from crown, no pipe visible.

LM Start	19.28	Rating **	M	Issue No.	56 (cont)
LM End	19.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71140_101576.jpg



WS view: Slidegate visible on slope from crown.

LM Start	19.41	Rating **	M	Issue No.	111
LM End	19.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111677 °	37.112989 °
				-120.587568 °	-120.586620 °
DWR ID	DWR_NA0010_06_f_2019_111				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	57	
LM End	19.94	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °	
				-120.579102 °	-120.579102 °	
DWR ID	19891					
Comment Code						
Inspector Comment						
FS_ID:71141 DS_ID:19891 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. Limited inspection due to dense vegetation on LS and WS ends, LS headwall just barely visible, recommend removal of vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.82). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.85). DWR As-Built Specification No. 59-01, Sheet No. 73, 10 December 1958, (HLM 19.85)]. FS Date: 7/12/2021						

LM Start	19.94	Rating **	M	Issue No.	57 (cont)
LM End	19.94	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71141_101582.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_71141_101578.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	57 (cont)
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °
				-120.579102 °	-120.579102 °
DWR ID	19891				

Photo 3 of 3 : UCIP_SP_2022_71141_101579.jpg



LS view: Dense vegetation over pipe inlet at toe, pipe not visible.

LM Start	20.79	Rating **	M	Issue No.	1209
LM End	21.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.113107 °	37.108653 °
				-120.563782 °	-120.558977 °
DWR ID	DWR_NA0010_06_s_2015_1209				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion on landside slope greater than 3 inches. Erosion caused by livestock.					

Photo 1 of 1 : SP_2022_NA0010_124_1209_20220308_00052.jpg



Erosion on the landside slope from livestock activity. (Spring 2020)

LM Start	21.30	Rating **	U	Issue No.	113
LM End	21.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107502 °	37.107502 °
				-120.557813 °	-120.557813 °
DWR ID	DWR_NA0010_06_f_2021_113				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_113_20220308_00038.jpg



Several rodent holes observed at this location. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	21.39	Rating **	M	Issue No.	114
LM End	21.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106397 °	37.106397 °
				-120.556727 °	-120.556727 °
DWR ID	DWR_NA0010_06_f _ 2019_114				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_114_20220308_00039.jpg



View of rodent burrows on the landside slope. (Spring 2020)

LM Start	21.54	Rating **	M	Issue No.	112
LM End	21.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104695 °	37.104258 °
				-120.555001 °	-120.554559 °
DWR ID	DWR_NA0010_06_f_2021_112				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	21.71	Rating **	M	Issue No.	107
LM End	21.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.102844 °	37.102002 °
				-120.553160 °	-120.552314 °
DWR ID	DWR_NA0010_06_f_2018_107				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion into levee prism due to livestock activities.					

Photo 1 of 1 : SP_2022_NA0010_124_107_20220308_00035.jpg



View of erosion in landside levee prism. (Spring 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	21.82	Rating **	M	Issue No.	91
LM End	22.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.101617 °	37.098894 °
				-120.551909 °	-120.549178 °
DWR ID	DWR_NA0010_06_f _ 2020_91				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_91_20220308_00025.jpg



Cattle trail damage to the landside slope and shoulder. (Fall 2020)

LM Start	22.09	Rating **	M	Issue No.	86
LM End	22.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.098524 °	37.094479 °
				-120.548781 °	-120.544435 °
DWR ID	DWR_NA0010_06_f_2017_86				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion greater than 3 inches on landside slope caused by livestock.					

Photo 1 of 1 : SP_2022_NA0010_124_86_20220308_00021.jpg



Looking upstream along the landside slope. (Fall 2020)

LM Start	22.15	Rating **	U	Issue No.	70
LM End	22.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.097885 °	37.097885 °
				-120.548108 °	-120.548108 °
DWR ID	DWR_NA0010_06_s_2021_70				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_70_20220308_00010.jpg



View of large rodent burrows in the landside slope. (Spring 2021)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	22.61	Rating **	M	Issue No.	133
LM End	24.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.092781 °	37.072945 °
				-120.542574 °	-120.521108 °
DWR ID	DWR_NA0010_06_s_2022_133				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	22.87	Rating **	M	Issue No.	117
LM End	22.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.089954 °	37.089954 °
				-120.539535 °	-120.539535 °
DWR ID	DWR_NA0010_06_f_2019_117				
Comment Code					
DE : Debris					
Inspector Comment					
Large block of concrete left on the landside toe.					

Photo 1 of 1 : SP_2022_NA0010_124_117_20220308_00040.jpg



Large concrete block left on the landside toe. (Fall 2019)

LM Start	23.11	Rating **	M	Issue No.	110
LM End	23.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.087312 °	37.087312 °
				-120.536662 °	-120.536662 °
DWR ID	DWR_NA0010_06_f_2021_110				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_110_20220308_00037.jpg



View of rodent burrows on the landside slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	24.36	Rating **	U	Issue No.	5
LM End	25.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.073621 °	37.066501 °
				-120.521848 °	-120.514193 °
DWR ID	DWR_NA0010_06_s_2012_5				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion and slope instability caused by livestock extends into levee crown. At the worst locations erosion extends 2.5 feet to 3 feet from the shoulder into the crown.					

Photo 1 of 1 : SP_2022_NA0010_124_5_20220308_00002.jpg



Looking downstream at erosion from livestock. (Fall 2020)

LM Start	24.46	Rating **	M	Issue No.	78
LM End	24.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.072606 °	37.072606 °
				-120.520748 °	-120.520748 °
DWR ID	DWR_NA0010_06_f_2020_78				
Comment Code					
Inspector Comment					
Under eastbound 152. Gate in channel under highway 152 should be repaired.					

Photo 1 of 1 : SP_2022_NA0010_124_78_20220308_00014.jpg



View of damaged access gate under highway 152. (Fall 2020)

LM Start	24.62	Rating **	M	Issue No.	109	
LM End	24.89	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Livestock			37.070841 °		37.067859 °
				-120.518829 °		-120.515616 °
DWR ID	DWR_NA0010_06_f_2021_109					
Comment Code						
E4 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	26.13	Rating **	M	Issue No.	1208
LM End	26.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.054222 °	37.054222 °
				-120.500862 °	-120.500862 °
DWR ID	DWR_NA0010_06_s_2015_1208				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Noted several rodent holes next to and within rock revetment on landside slope.					

Photo 1 of 1 : SP_2022_NA0010_124_1208_20220308_00051.jpg



Rodent holes on landward slope.

LM Start	26.71	Rating **	M	Issue No.	77
LM End	26.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.048333 °	37.048333 °
				-120.493507 °	-120.493507 °
DWR ID	DWR_NA0010_06_f_2020_77				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	27.43	Rating **	U	Issue No.	3
LM End	27.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.036955 °	37.032762 °
				-120.484395 °	-120.481078 °
DWR ID	DWR_NA0010_06_s_2012_3				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion and slope instability caused by livestock. Erosion greater than 3" in depth on landside slope. Levee crown has narrowed within this reach.					

Photo 1 of 1 : SP_2022_NA0010_124_3_20220429_00245.jpg



Looking south along landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	27.65	Rating **	M	Issue No.	132
LM End	27.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.036856 °	37.033468 °
				-120.484309 °	-120.481709 °
DWR ID	DWR_NA0010_06_s_2022_132				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_132_20220429_00246.jpg



View of erosion on the waterside slope. (Spring 2022)

LM Start	28.18	Rating **	A/W	Issue No.	131
LM End	28.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.030925 °	37.030925 °
				-120.478368 °	-120.478368 °
DWR ID	DWR_NA0010_06_s_2022_131				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_131_20220429_00247.jpg



View of damage to the landside slope. (Spring 2022)

LM Start	28.39	Rating **	M	Issue No.	75
LM End	28.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030010 °	37.030010 °
				-120.474765 °	-120.474765 °
DWR ID	DWR_NA0010_06_f_2020_75				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	28.47	Rating **	M	Issue No.	19
LM End	28.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.029937 °	37.029977 °
				-120.473384 °	-120.472266 °
DWR ID	DWR_NA0010_06_s_2015_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows are also on the crown.					

Photo 1 of 1 : SP_2022_NA0010_124_19_20220308_00004.jpg



View of rodent burrow in the levee crown. (Fall 2019)

LM Start	28.95	Rating **	A/W	Issue No.	126
LM End	28.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030155 °	37.030155 °
				-120.464738 °	-120.464738 °
DWR ID	DWR_NA0010_06_f_2019_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	29.51	Rating **	M	Issue No.	73
LM End	29.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030437 °	37.030437 °
				-120.454568 °	-120.454568 °
DWR ID	DWR_NA0010_06_f_2020_73				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	30.81	Rating **	M	Issue No.	1207
LM End	31.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.021615 °	37.018428 °
				-120.437587 °	-120.435378 °
DWR ID	DWR_NA0010_06_s_2015_1207				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion greater than 1" in depth and greater than 3" in length. Erosion is caused by livestock traffic.					

Photo 1 of 1 : SP_2022_NA0010_124_1207_20220308_00050.jpg



Looking upstream at livestock damage to the landside slope. (Fall 2020)

LM Start	31.14	Rating **	A/W	Issue No.	82
LM End	31.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.017445 °	37.017445 °
				-120.434713 °	-120.434713 °
DWR ID	DWR_NA0010_06_f_2017_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_82_20220308_00018.jpg



Looking east at the waterside slope.

LM Start	31.50	Rating **	M	Issue No.	108
LM End	31.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.012830 °	37.010335 °
				-120.431523 °	-120.429817 °
DWR ID	DWR_NA0010_06_f_2021_108				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_108_20220308_00036.jpg



View of the landside slope looking downstream. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	32.00	Rating **	U	Issue No.	81
LM End	32.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.007007 °	37.007007 °
				-120.426179 °	-120.426179 °
DWR ID	DWR_NA0010_06_f _ 2017_81				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_81_20220308_00017.jpg



Looking west at the landside slope.

LM Start	32.37	Rating **	U	Issue No.	129
LM End	32.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.003251 °	36.997745 °
				-120.421556 °	-120.415197 °
DWR ID	DWR_NA0010_06_s_2022_129				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage from livestock. Damage is beginning to erode into levee crown.					

Photo 1 of 1 : SP_2022_NA0010_124_129_20220429_00248.jpg



Erosion from animal activity along the landside slope. (Spring 2022)

LM Start	34.59	Rating **	M	Issue No.	88
LM End	36.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.979268 °	36.974155 °
				-120.394726 °	-120.363314 °
DWR ID	DWR_NA0010_06_s_2022_88				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/20/2022 04/22/2022	Corey Fujitani

LM Start	34.62	Rating **	M	Issue No.	96
LM End	36.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978955 °	36.974155 °
				-120.394385 °	-120.363314 °
DWR ID	DWR_NA0010_06_s_2022_96				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_96_20220429_00249.jpg



View of the landside slope looking downstream. (Spring 2022)

LM Start	35.51	Rating **	M	Issue No.	130
LM End	35.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.974349 °	36.974349 °
				-120.380584 °	-120.380584 °
DWR ID	DWR_NA0010_06_s_2022_130				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_124_130_20220429_00250.jpg



Representative view of rodent burrows in the landside slope. (Spring 2022)

LM Start	35.97	Rating **	C	Issue No.	106
LM End	36.39	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974404 °	36.974431 °
				-120.372291 °	-120.364600 °
DWR ID	DWR_NA0010_06_f_2021_106				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.07	Rating **	M	Issue No.	2	
LM End	0.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.255897 °	37.255897 °	
				-120.771127 °	-120.771127 °	
DWR ID	19892					
Comment Code						
Inspector Comment						
FS_ID:71165 DS_ID:19892 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 07/20/2016 Inlet blocked off by wooden board. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along WS and LS. Crossing downgraded from Urgent to Non-Urgent. (O. Magana - DWR UCIP)04/15/2014 Flapgate partially blocked by soil buildup at WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.08). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.07). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.07)]. FS Date: 6/2/2021						

LM Start	0.07	Rating **	M	Issue No.	2 (cont)
LM End	0.07	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71165_99437.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71165_99440.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.07	Rating **	M	Issue No.	2 (cont)
LM End	0.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255897 °	37.255897 °
				-120.771127 °	-120.771127 °
DWR ID	19892				

Photo 3 of 3 : UCIP_SP_2022_71165_99441.jpg



LS view: Slope and headwall at toe.

LM Start	0.10	Rating **	M	Issue No.	17
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256017 °	37.256017 °
				-120.770636 °	-120.770636 °
DWR ID	DWR_NA0010_07_f_2021_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_125_17_20220308_00005.jpg



View of rodent holes in the landside slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.33	Rating **	M	Issue No.	3	
LM End	0.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.257691 °	37.257691 °	
				-120.767203 °	-120.767203 °	
DWR ID	19893					
Comment Code						
Inspector Comment						
FS_ID:71166 DS_ID:19893 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.34). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.33). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.33)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71166_99444.jpg



Levee crown looking downstream.

LM Start	0.33	Rating **	M	Issue No.	3 (cont)
LM End	0.33	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71166_99447.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.33	Rating **	M	Issue No.	3 (cont)
LM End	0.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257691 °	37.257691 °
				-120.767203 °	-120.767203 °
DWR ID	19893				

Photo 3 of 3 : UCIP_SP_2022_71166_99448.jpg



LS view: Slope and headwall at toe.

LM Start	0.40	Rating **	M	Issue No.	29
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257786 °	37.258722 °
				-120.765855 °	-120.764867 °
DWR ID	DWR_NA0010_07_s_2012_29				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes were noted on the landside and waterside slope and shoulder.

Photo 1 of 1 : SP_2022_NA0010_125_29_20220308_00011.jpg



Looking at representative rodent hole in the landside slope. (Fall 2021)

LM Start	0.44	Rating **	M	Issue No.	22
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257894 °	37.257894 °
				-120.765231 °	-120.765231 °
DWR ID	DWR_NA0010_07_s_2021_22				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2022_NA0010_125_22_20220308_00009.jpg



View of rodent burrows in the waterside slope and shoulder. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.49	Rating **	M	Issue No.	4	
LM End	0.49	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.258543 °	37.258543 °	
				-120.764728 °	-120.764728 °	
DWR ID	19894					
Comment Code						
Inspector Comment						
FS_ID:71167 DS_ID:19894 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. No cover over the WS metal riser. There is debris and wood pallets within the riser that may prevent the ability for the slidegate to be opened or water to flow through, recommend cleaning out. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/15/2014 Slide gate not operable, but left in closed position. Need to reinstall covers over slide gate standpipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.7 feet below the crown. Slide gate in a 48-inch CMP riser unit on the landside (LS) slope. Concrete U-shaped headwall on the LS end. Inlet channel cobble revetted. Dilapidated wooden pier on the waterside (WS). WS slope and outlet ditch cobble revetted. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.49). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.49). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.49)]. FS Date: 6/2/2021						

LM Start	0.49	Rating **	M	Issue No.	4 (cont)
LM End	0.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71167_99452.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71167_99449.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.49	Rating **	M	Issue No.	4 (cont)
LM End	0.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258543 °	37.258543 °
				-120.764728 °	-120.764728 °
DWR ID	19894				

Photo 3 of 3 : UCIP_SP_2022_71167_99450.jpg



LS view: Slope and headwall at toe.

LM Start	0.53	Rating **	A/W	Issue No.	18
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.259097 °	37.259097 °
				-120.764846 °	-120.764846 °
DWR ID	DWR_NA0010_07_f_2018_18				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_125_18_20220308_00006.jpg



View of damage from livestock looking upstream. (Fall 2018)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.53	Rating **	M	Issue No.	7
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259163 °	37.259163 °
				-120.764860 °	-120.764860 °
DWR ID	DWR_NA0010_07_s_2022_7				
Comment Code					
Inspector Comment					
FS_ID:71168 DS_ID:19895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. There are plywood barriers on both WS and LS pipe ends, but no flapgate on either, and flapgate removed on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall with a wooden weir at the inlet on the landside (LS) toe. Concrete U-shaped headwall on the WS toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.53). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.53). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.53)]. FS Date: 6/2/2021					

LM Start	0.53	Rating **	M	Issue No.	7 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71168_99460.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71168_99464.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.53	Rating **	M	Issue No.	7 (cont)
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259163 °	37.259163 °
				-120.764860 °	-120.764860 °
DWR ID	DWR_NA0010_07_s_2022_7				

Photo 3 of 3 : UCIP_SP_2022_71168_99459.jpg



LS view: Slope and headwall at toe.

LM Start	0.56	Rating **	M	Issue No.	23
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259579 °	37.259579 °
				-120.764687 °	-120.764687 °
DWR ID	DWR_NA0010_07_f_2021_23				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_125_23_20220308_00010.jpg



Looking at rodent burrows along the waterside slope. (Fall 2021)

LM Start	0.70	Rating **	A/W	Issue No.	19
LM End	0.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.261337 °	37.261337 °
				-120.763303 °	-120.763303 °
DWR ID	DWR_NA0010_07_f_2018_19				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_125_19_20220308_00007.jpg



Damage to landside slope from livestock. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	8	
LM End	0.85	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.262981 °	37.262981 °	
				-120.761703 °	-120.761703 °	
DWR ID	19896					
Comment Code						
Inspector Comment						
FS_ID:71169 DS_ID:19896 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Limited inspection due to water flowing through the pipe during inspection. At the time of inspection, the wooden flashboards were not in place on the LS end. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/15/2014 Need to contact owner. Heavy sediment buildup at inlet due to animal activity should be cleared. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Wooden weir on a concrete headwall at the landside (LS) toe. 36-inch concrete riser unit at the LS toe. Concrete U-shaped headwall on the WS end. Concrete standpipe on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.86). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.85). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.85)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71169_99467.jpg



Levee crown looking downstream.

LM Start	0.85	Rating **	M	Issue No.	8 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71169_99471.jpg



LS view: Riser visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	8 (cont)
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.262981 °	37.262981 °	
			-120.761703 °	-120.761703 °	
DWR ID	19896				

Photo 3 of 3 : UCIP_SP_2022_71169_99465.jpg



LS view: Slope and riser visible at toe.

LM Start	0.94	Rating **	M	Issue No.	9
LM End	0.94	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.263950 °	37.263950 °	
			-120.760572 °	-120.760572 °	
DWR ID	19897				

Comment Code

Inspector Comment

FS_ID:71170
DS_ID:19897
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.94). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.94). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.94)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2022_71170_99474.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	9 (cont)
LM End	0.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263950 °	37.263950 °
				-120.760572 °	-120.760572 °
DWR ID	19897				

Photo 2 of 3 : UCIP_SP_2022_71170_99478.jpg



LS view: Toe from crown.

LM Start	0.94	Rating **	M	Issue No.	9 (cont)
LM End	0.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71170_99472.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.17	Rating **	M	Issue No.	10
LM End	1.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.264421 °	37.264421 °
				-120.756683 °	-120.756683 °
DWR ID	19898				
Comment Code					
Inspector Comment					
FS_ID:71171 DS_ID:19898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.17). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.17). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 1.17)]. FS Date: 6/2/2021					

LM Start	1.17	Rating **	M	Issue No.	10 (cont)
LM End	1.17	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71171_99481.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71171_99482.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.17	Rating **	M	Issue No.	10 (cont)
LM End	1.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.264421 °	37.264421 °
				-120.756683 °	-120.756683 °
DWR ID	19898				

Photo 3 of 3 : UCIP_SP_2022_71171_99483.jpg



LS view: Slope and headwall at toe.

LM Start	1.22	Rating **	C	Issue No.	1
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.264387 °	37.264387 °
				-120.755805 °	-120.755805 °
DWR ID	DWR_NA0010_07_f_2012_1				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.24	Rating **	A/W	Issue No.	25	
LM End	1.24	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Livestock			37.264365 °		37.264365 °
				-120.755358 °		-120.755358 °
DWR ID	DWR_NA0010_07_s_2022_25					
Comment Code						
E4 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						

Photo 1 of 1 : SP_2022_NA0010_125_25_20220414_00045.jpg



Looking down the landside slope at erosion from livestock traffic. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.49	Rating **	A/W	Issue No.	16
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.263999 °	37.263999 °
				-120.750854 °	-120.750854 °
DWR ID	DWR_NA0010_07_f_2017_16				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Monitor the slope damaged by animal traffic.					

Photo 1 of 1 : SP_2022_NA0010_125_16_20220308_00004.jpg



Cattle trail on the landside slope. (Fall 2020)

LM Start	1.50	Rating **	M	Issue No.	6
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263955 °	37.263885 °
				-120.750751 °	-120.750527 °
DWR ID	DWR_NA0010_07_s_2014_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_125_6_20220414_00046.jpg



View of rodent holes on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.50	Rating **	M	Issue No.	11	
LM End	1.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.263917 °	37.263917 °	
				-120.750694 °	-120.750694 °	
DWR ID	19902					
Comment Code						
Inspector Comment						
FS_ID:71172 DS_ID:19902 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.51). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.51). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 1.51)]. FS Date: 6/2/2021						

LM Start	1.50	Rating **	M	Issue No.	11 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71172_99488.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71172_99492.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.50	Rating **	M	Issue No.	11 (cont)
LM End	1.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263917 °	37.263917 °
				-120.750694 °	-120.750694 °
DWR ID	19902				

Photo 3 of 3 : UCIP_SP_2022_71172_99486.jpg



LS view: Slope and headwall at toe.

LM Start	1.71	Rating **	A/W	Issue No.	5
LM End	1.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.262570 °	37.262467 °
				-120.747453 °	-120.747180 °
DWR ID	DWR_NA0010_07_s_2013_5				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait station has been placed at location.					

No Photos

LM Start	1.90	Rating **	M	Issue No.	21
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.261379 °	37.261379 °
				-120.744228 °	-120.744228 °
DWR ID	DWR_NA0010_07_f_2018_21				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_125_21_20220308_00008.jpg



View of damage to the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.09	Rating **	M	Issue No.	12
LM End	2.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259187 °	37.259187 °
				-120.742551 °	-120.742551 °
DWR ID	DWR_NA0010_07_f_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent activity is noted next to the fence post.					

Photo 1 of 1 : SP_2022_NA0010_125_12_20220308_00003.jpg



View of rodent hole at the fence post on the landside shoulder. (Fall 2020)

LM Start	2.37	Rating **	M	Issue No.	20
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257028 °	37.257028 °
				-120.738484 °	-120.738484 °
DWR ID	DWR_NA0010_07_f_2020_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.48	Rating **	M	Issue No.	13
LM End	2.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255803 °	37.255803 °
				-120.737246 °	-120.737246 °
DWR ID	19899				
Comment Code					
Inspector Comment					
FS_ID:71173 DS_ID:19899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe end surrounded by barbed wire, could not inspect closely. Metal pipe and plastic riser with flowmeter off the LS toe. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.49). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.48). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.48)]. FS Date: 6/2/2021					

LM Start	2.48	Rating **	M	Issue No.	13 (cont)
LM End	2.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71173_99497.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71173_99498.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.48	Rating **	M	Issue No.	13 (cont)
LM End	2.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255803 °	37.255803 °
				-120.737246 °	-120.737246 °
DWR ID	19899				

Photo 3 of 3 : UCIP_SP_2022_71173_99499.jpg



LS view: Slope and headwall at toe.

LM Start	2.63	Rating **	M	Issue No.	14
LM End	2.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.254832 °	37.254832 °
				-120.734918 °	-120.734918 °
DWR ID	19900				

Comment Code

Inspector Comment

FS_ID:71174
DS_ID:19900
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe end surrounded by barbed wire, inspection was limited. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.64). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.64)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2022_71174_99504.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.63	Rating **	M	Issue No.	14 (cont)
LM End	2.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.254832 °	37.254832 °
				-120.734918 °	-120.734918 °
DWR ID	19900				

Photo 2 of 3 : UCIP_SP_2022_71174_99501.jpg



LS view: Toe from crown.

LM Start	2.63	Rating **	M	Issue No.	14 (cont)
LM End	2.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71174_99502.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.09	Rating **	M	Issue No.	15	
LM End	3.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °	
				-120.728264 °	-120.728264 °	
DWR ID	19901					
Comment Code						
Inspector Comment						
FS_ID:71175 DS_ID:19901 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. Some sediment buildup in the inlet of the pipe on the LS, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/15/2014 Some sediment buildup at landward toe and inside pipe--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.09). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.09). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.09)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71175_99510.jpg



Levee crown looking downstream.

LM Start	3.09	Rating **	M	Issue No.	15 (cont)
LM End	3.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71175_99512.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.09	Rating **	M	Issue No.	15 (cont)
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °
				-120.728264 °	-120.728264 °
DWR ID	19901				

Photo 3 of 3 : UCIP_SP_2022_71175_99513.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	1	
LM End	0.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °	
				-120.767873 °	-120.767873 °	
DWR ID	19903					
Comment Code						
Inspector Comment						
FS_ID:71177 DS_ID:19903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.23). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.23). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.23)]. FS Date: 6/2/2021						

LM Start	0.23	Rating **	M	Issue No.	1 (cont)
LM End	0.23	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71177_99546.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71177_99547.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	1 (cont)
LM End	0.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °
				-120.767873 °	-120.767873 °
DWR ID	19903				

Photo 3 of 3 : UCIP_SP_2022_71177_99548.jpg



LS view: Close up of pipe inlet at toe.

LM Start	0.57	Rating **	M	Issue No.	2
LM End	0.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258604 °	37.258604 °
				-120.763588 °	-120.763588 °
DWR ID	19904				

Comment Code

Inspector Comment

FS_ID:71178
DS_ID:19904
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.55). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.57). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.57)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2022_71178_99553.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.57	Rating **	M	Issue No.	2 (cont)
LM End	0.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258604 °	37.258604 °
				-120.763588 °	-120.763588 °
DWR ID	19904				

Photo 2 of 3 : UCIP_SP_2022_71178_99554.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.57	Rating **	M	Issue No.	2 (cont)
LM End	0.57	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71178_99555.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.72	Rating **	M	Issue No.	4	
LM End	0.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.260306 °	37.260306 °	
				-120.762127 °	-120.762127 °	
DWR ID	19905					
Comment Code						
Inspector Comment						
FS_ID:71179 DS_ID:19905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.70). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.72). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.72)]. FS Date: 6/2/2021						

LM Start	0.72	Rating **	M	Issue No.	4 (cont)
LM End	0.72	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71179_99560.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71179_99561.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.72	Rating **	M	Issue No.	4 (cont)
LM End	0.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260306 °	37.260306 °
				-120.762127 °	-120.762127 °
DWR ID	19905				

Photo 3 of 3 : UCIP_SP_2022_71179_99562.jpg



LS view: Slope and headwall at toe.

LM Start	0.90	Rating **	M	Issue No.	5
LM End	0.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262384 °	37.262384 °
				-120.760528 °	-120.760528 °
DWR ID	19832				

Comment Code

Inspector Comment

FS_ID:71180
DS_ID:19832
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014
Some sediment buildup at inlet on LS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.88). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.89). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.89)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2022_71180_99567.jpg



Levee crown looking downstream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.90	Rating **	M	Issue No.	5 (cont)	
LM End	0.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.262384 °	37.262384 °	
				-120.760528 °	-120.760528 °	
DWR ID	19832					

Photo 2 of 3 : UCIP_SP_2022_71180_99568.jpg



LS view: Toe from crown.

LM Start	0.90	Rating **	M	Issue No.	5 (cont)
LM End	0.90	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71180_99569.jpg



LS view: Slope and headwall at toe.

LM Start	1.21	Rating **	M	Issue No.	28
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.263179 °	37.263179 °
				-120.755444 °	-120.755444 °
DWR ID	DWR_NA0010_08_f_2019_28				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_126_28_20220308_00007.jpg

View of slope damage on the landside of the levee looking upstream.
(Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	6	
LM End	1.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °	
				-120.755399 °	-120.755399 °	
DWR ID	19833					
Comment Code						
Inspector Comment						
FS_ID:71181 DS_ID:19833 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. Some vegetation in LS pipe inlet, recommend clearing out. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Debris blocking landward headwall--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.20). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.21). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 1.21)]. FS Date: 6/2/2021						

LM Start	1.21	Rating **	M	Issue No.	6 (cont)
LM End	1.21	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71181_99573.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71181_99574.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	6 (cont)
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °
				-120.755399 °	-120.755399 °
DWR ID	19833				

Photo 3 of 3 : UCIP_SP_2022_71181_99575.jpg



LS view: Slope and headwall at toe.

LM Start	1.32	Rating **	A/W	Issue No.	21
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263143 °	37.263143 °
				-120.753366 °	-120.753366 °
DWR ID	DWR_NA0010_08_f_2018_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	A/W	Issue No.	8	
LM End	1.38	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.263175 °		37.263175 °
				-120.752307 °		-120.752307 °
DWR ID	DWR_NA0010_08_s_2013_8					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.38	Rating **	M	Issue No.	7
LM End	1.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263194 °	37.263194 °
				-120.752299 °	-120.752299 °
DWR ID	19834				
Comment Code					
Inspector Comment					
FS_ID:71182 DS_ID:19834 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. Vegetation sticking out of WS flapgate, recommend removal. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Animal burrows along pipe alignment on LS. Some sediment buildup at LS toe and inside pipe--recommend clearing. (W. Wylie -DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.37). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.38). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 1.38)]. FS Date: 6/2/2021					

LM Start	1.38	Rating **	M	Issue No.	7 (cont)
LM End	1.38	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71182_99581.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71182_99582.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	1.38	Rating **	M	Issue No.	7 (cont)
LM End	1.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263194 °	37.263194 °
				-120.752299 °	-120.752299 °
DWR ID	19834				

Photo 3 of 3 : UCIP_SP_2022_71182_99583.jpg



LS view: Slope and headwall at toe.

LM Start	1.76	Rating **	C	Issue No.	23
LM End	1.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.260888 °	37.260888 °
				-120.746053 °	-120.746053 °
DWR ID	DWR_NA0010_08_f_2021_23				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.81	Rating **	M	Issue No.	26
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.260673 °	37.260673 °
				-120.745290 °	-120.745290 °
DWR ID	DWR_NA0010_08_f_2019_26				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_126_26_20220414_00044.jpg



Looking downstream at erosion spot on the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	9	
LM End	2.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °	
				-120.742868 °	-120.742868 °	
DWR ID	19835					
Comment Code						
Inspector Comment						
FS_ID:71183 DS_ID:19835 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe end not visible at all, appears to be buried or removed. Need to contact owner to determine status of pipe. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Non-functional landward inlet is buried in sediment. Need to contact owner to determine status. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.05). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.05)]. FS Date: 6/2/2021						

LM Start	2.05	Rating **	M	Issue No.	9 (cont)
LM End	2.05	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71183_99586.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71183_99587.jpg



LS view: Toe from crown, no pipe visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	9 (cont)
LM End	2.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °
				-120.742868 °	-120.742868 °
DWR ID	19835				

Photo 3 of 3 : UCIP_SP_2022_71183_99588.jpg



LS view: Slope from toe, no pipe visible.

LM Start	2.07	Rating **	M	Issue No.	25
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258059 °	37.258059 °
				-120.742451 °	-120.742451 °
DWR ID	DWR_NA0010_08_f _ 2019_25				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_126_25_20220414_00045.jpg



Looking uphill at rodent holes in the landside slope. (Spring 2022)

LM Start	2.07	Rating **	A/W	Issue No.	22
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.258076 °	37.258076 °
				-120.742439 °	-120.742439 °
DWR ID	DWR_NA0010_08_f_2018_22				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion from livestock has been repaired. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_126_22_20220308_00005.jpg



Repaired slope damage should be monitored for settlement. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.12	Rating **	M	Issue No.	10
LM End	2.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257800 °	37.257800 °
				-120.741604 °	-120.741604 °
DWR ID	19836				
Comment Code					
Inspector Comment					
FS_ID:71184 DS_ID:19836 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. New 6 inch plastic riser with flowmeter and 24 inch metal pipe underground off the LS toe, directly opposite of the LS pipe inlet of this DSID. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 Sediment buildup in pipe visible from landward side. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.12). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.12). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.12)]. FS Date: 6/2/2021					

LM Start	2.12	Rating **	M	Issue No.	10 (cont)
LM End	2.12	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_71184_99597.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_71184_99599.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.12	Rating **	M	Issue No.	10 (cont)
LM End	2.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257800 °	37.257800 °
				-120.741604 °	-120.741604 °
DWR ID	19836				

Photo 3 of 3 : UCIP_SP_2022_71184_99600.jpg



LS view: Slope and headwall at toe.

LM Start	2.13	Rating **	M	Issue No.	24
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257758 °	37.257758 °
				-120.741483 °	-120.741483 °
DWR ID	DWR_NA0010_08_f_2020_24				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.29	Rating **	M	Issue No.	18
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256251 °	37.254767 °
				-120.739280 °	-120.737772 °
DWR ID	DWR_NA0010_08_s_2021_18				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_126_18_20220308_00003.jpg



View of rodent holes in the landside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.74	Rating **	A/W	Issue No.	20
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.252503 °	37.252503 °
				-120.733282 °	-120.733282 °
DWR ID	DWR_NA0010_08_f_2018_20				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion from livestock has been repaired. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_126_20_20220308_00004.jpg



View of repaired slope damage. (Spring 2021)

LM Start	2.77	Rating **	M	Issue No.	11	
LM End	2.77	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.252228 °	37.252228 °	
				-120.732890 °	-120.732890 °	
DWR ID	19837					
Comment Code						
Inspector Comment						
FS_ID:71185 DS_ID:19837 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.77). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.77). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 2.77)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71185_99604.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	11 (cont)
LM End	2.77	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252228 °	37.252228 °
				-120.732890 °	-120.732890 °
DWR ID	19837				

Photo 2 of 3 : UCIP_SP_2022_71185_99605.jpg



LS view: Toe from crown.

LM Start	2.77	Rating **	M	Issue No.	11 (cont)
LM End	2.77	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71185_99606.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.06	Rating **	M	Issue No.	12	
LM End	3.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.250864 °	37.250864 °	
				-120.728151 °	-120.728151 °	
DWR ID	19838					
Comment Code						
Inspector Comment						
FS_ID:71186 DS_ID:19838 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe inlet has some sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 7/20/2016 LS inlet buried under dense vegetation. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (O. Magana - DWR UCIP)4/16/2014 Pipe blocked by silt on LS toe. Flapgate rusty and does not operate correctly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.06). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.06)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71186_99614.jpg



Levee crown looking downstream.

LM Start	3.06	Rating **	M	Issue No.	12 (cont)
LM End	3.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_71186_99615.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.06	Rating **	M	Issue No.	12 (cont)
LM End	3.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250864 °	37.250864 °
				-120.728151 °	-120.728151 °
DWR ID	19838				

Photo 3 of 3 : UCIP_SP_2022_71186_99609.jpg



LS view: Slope and headwall at toe.

LM Start	3.24	Rating **	M	Issue No.	13
LM End	3.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252230 °	37.252230 °
				-120.725504 °	-120.725504 °
DWR ID	19839				

Comment Code

Inspector Comment

FS_ID:71187
DS_ID:19839
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.23). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.24). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.24)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2022_71187_99618.jpg



Levee crown looking downstream

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.24	Rating **	M	Issue No.	13 (cont)
LM End	3.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252230 °	37.252230 °
				-120.725504 °	-120.725504 °
DWR ID	19839				

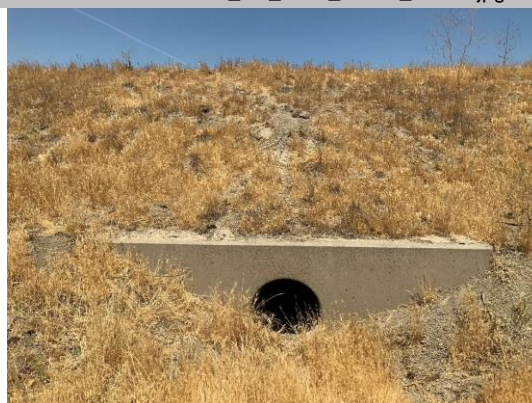
Photo 2 of 3 : UCIP_SP_2022_71187_99619.jpg



LS view: Toe from crown.

LM Start	3.24	Rating **	M	Issue No.	13 (cont)
LM End	3.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71187_99620.jpg



LS view: Slope and headwall at toe.

LM Start	3.28	Rating **	M	Issue No.	17
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252537 °	37.252537 °
				-120.724795 °	-120.724795 °
DWR ID	DWR_NA0010_08_f_2021_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_126_17_20220308_00002.jpg



View of animal burrows in the landside slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.40	Rating **	A/W	Issue No.	3
LM End	3.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.253052 °	37.253600 °
				-120.722647 °	-120.720198 °
DWR ID	DWR_NA0010_08_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes were noted on landside slope within this reach.					

Photo 1 of 1 : SP_2022_NA0010_126_3_20220414_00046.jpg



Looking at typical view of rodent holes on landward slope. (Spring 2022)

LM Start	3.43	Rating **	M	Issue No.	14	
LM End	3.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °	
				-120.722182 °	-120.722182 °	
DWR ID	19840					
Comment Code						
Inspector Comment						
FS_ID:71188						
DS_ID:19840						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe inlet blocked by barbed wire and both ends blocked by water, so limited inspection was done. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/16/2014 No access available on landward side. Need to confirm status of crossing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 13.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.43). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.43)].						
FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2022_71188_99624.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/06/2022 04/06/2022	Corey Fujitani

LM Start	3.43	Rating **	M	Issue No.	14 (cont)
LM End	3.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °
				-120.722182 °	-120.722182 °
DWR ID	19840				

Photo 2 of 3 : UCIP_SP_2022_71188_99625.jpg



LS view: Toe from crown.

LM Start	3.43	Rating **	M	Issue No.	14 (cont)
LM End	3.43	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_71188_99626.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.20	Rating **	A	Issue No.	7
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219812 °	37.219812 °
				-120.709904 °	-120.709904 °
DWR ID	DWR_NA0010_09_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_127_7_20220414_00013.jpg



View of vegetation management on the waterside slope. (Spring 2022)

LM Start	0.25	Rating **	C	Issue No.	5
LM End	0.39	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.220037 °	37.219916 °
				-120.709133 °	-120.706638 °
DWR ID	DWR_NA0010_09_f_2021_5				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.47	Rating **	M	Issue No.	1	
LM End	0.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220416 °	37.220416 °	
				-120.705248 °	-120.705248 °	
DWR ID	19841					
Comment Code						
Inspector Comment						
FS_ID:69554 DS_ID:19841 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. Limited inspection of landside (LS) and WS due to water and mud. LS CMP riser has missing lid. WS outlet pipe edges are warped. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/22/2014 Concrete headwalls on landward and waterward under water. Need photo to confirm condition of concrete headwalls, pipe, and gate on both toes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 18.7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.48), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.47), listed as a 24-inch CMP]. FS Date: 6/9/2021 2:41:00 PM						

Photo 1 of 3 : UCIP_SP_2022_69554_103170.jpg



Overview of levee from crown facing upstream. CMP riser visible on WS slope.

LM Start	0.47	Rating **	M	Issue No.	1 (cont)
LM End	0.47	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_69554_103177.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.47	Rating **	M	Issue No.	1 (cont)	
LM End	0.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220416 °	37.220416 °	
				-120.705248 °	-120.705248 °	
DWR ID	19841					

Photo 3 of 3 : UCIP_SP_2022_69554_103178.jpg



LS view: Concrete headwall and inlet pipe visible at toe.

LM Start	0.48	Rating **	M	Issue No.	6
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.220489 °	37.220489 °
				-120.705021 °	-120.705021 °
DWR ID	DWR_NA0010_09_s_2021_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_127_6_20220308_00003.jpg



View of rodent burrows in the waterside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.69	Rating **	M	Issue No.	2	
LM End	0.69	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.219874 °	37.219874 °	
				-120.701438 °	-120.701438 °	
DWR ID	19842					
Comment Code						
Inspector Comment						
FS_ID:68984 DS_ID:19842 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/22/2014 Animal burrows in area on LS slope. Minor sediment buildup in pipe visible on landward side--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.70), listed as a 24-inch CMP]. FS Date: 6/9/2021						

LM Start	0.69	Rating **	M	Issue No.	2 (cont)
LM End	0.69	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68984_103232.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2022_68984_103233.jpg



LS view: Slope from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.69	Rating **	M	Issue No.	2 (cont)
LM End	0.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219874 °	37.219874 °
				-120.701438 °	-120.701438 °
DWR ID	19842				

Photo 3 of 3 : UCIP_SP_2022_68984_103235.jpg



LS view: Concrete headwall and inlet pipe at toe.

LM Start	0.86	Rating **	A/W	Issue No.	4
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.220041 °	37.220041 °
				-120.698425 °	-120.698425 °
DWR ID	DWR_NA0010_09_f_2017_4				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed over the animal erosion site. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_127_4_20220308_00001.jpg



View of slope erosion due to foot traffic. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.87	Rating **	M	Issue No.	3	
LM End	0.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °	
				-120.698374 °	-120.698374 °	
DWR ID	19843					
Comment Code						
Inspector Comment						
FS_ID:68989 DS_ID:19843 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. No cover or handle on CMP riser on WS slope. Water in riser shows evidence that flapgate is open. Outlet pipe on WS toe not found. Dense vegetation and sediment limits inspectors ability to identify signs of inlet pipe condition on LS toe recommend removal of vegetation and sediment. LS inlet pipe appears to have slight warping around edges. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: [Crane Irrigation Structure] 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Two slide gates in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the landside (LS) end. WS end cobble revetted on the bank and in the outlet drain. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.87), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.87), listed as a 24-inch CMP]. FS Date: 6/9/2021 4:30:00 PM						

LM Start	0.87	Rating **	M	Issue No.	3 (cont)
LM End	0.87	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68989_103181.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2022_68989_103183.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.87	Rating **	M	Issue No.	3 (cont)
LM End	0.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °
				-120.698374 °	-120.698374 °
DWR ID	19843				

Photo 3 of 3 : UCIP_SP_2022_68989_103188.jpg



LS view: Headwall and inlet visible at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.19	Rating **	A	Issue No.	3
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219127 °	37.219127 °
				-120.708578 °	-120.708578 °
DWR ID	DWR_NA0010_10_s_2022_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_128_3_20220414_00005.jpg



View of vegetation management on the landside slope. (Spring 2022)

LM Start	0.30	Rating **	M	Issue No.	1
LM End	0.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °
				-120.706652 °	-120.706652 °
DWR ID	19845				
Comment Code					
Inspector Comment					
FS_ID:69817 DS_ID:19845 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. No cover on CMP riser on WS slope, creating a safety hazard. Limited inspection of inlet pipe on LS and outlet pipe on WS due to elevated water levels around the headwalls and inlet/outlets, limiting the ability to inspect pipes at a close proximity. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/22/2014 Inlet blocked at LS toe by wooden gate. Need to contact owner to determine status. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 19.6 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.31), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.31), listed as a 24-inch CMP]. FS Date: 6/9/2021 11:34:00 AM					

Photo 1 of 3 : UCIP_SP_2022_69817_103399.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	04/06/2022 04/06/2022	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	1 (cont)
LM End	0.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °
				-120.706652 °	-120.706652 °
DWR ID	19845				

Photo 2 of 3 : UCIP_SP_2022_69817_103400.jpg



LS view: Toe from crown.

LM Start	0.30	Rating **	M	Issue No.	1 (cont)
LM End	0.30	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_69817_103403.jpg



WS view: Concrete headwall and inlet pipe at toe.

LM Start	0.51	Rating **	M	Issue No.	2
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.219268 °	37.219268 °
				-120.703046 °	-120.703046 °
DWR ID	DWR_NA0010_10_f_2021_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_128_2_20220308_00001.jpg



View squirrel holes on the landside slope. (Fall 2021)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.16	Rating **	M	Issue No.	10
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202730 °	37.202730 °
				-120.752270 °	-120.752270 °
DWR ID	DWR_NA0010_11_f_2018_10				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to the landside slope and shoulder.					

Photo 1 of 1 : SP_2022_NA0010_129_10_20220308_00002.jpg



View of livestock damage to the landside slope. (Fall 2021)

LM Start	0.21	Rating **	A/W	Issue No.	11
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_f_2018_11				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed on the levee damage. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_129_11_20220414_00035.jpg



View of slope damage on landside. (Spring 2022)

LM Start	0.21	Rating **	A/W	Issue No.	13
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_s_2020_13				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed on the levee damage. Monitor for settlement.					

Photo 1 of 1 : SP_2022_NA0010_129_13_20220414_00036.jpg



View of damage on waterside shoulder and slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	2	
LM End	0.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.202754 °	37.202754 °	
				-120.747689 °	-120.747689 °	
DWR ID	19846					
Comment Code						
Inspector Comment						
FS_ID:67619 DS_ID:19846 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. WS pipe end either completely buried under dirt or has been removed. Only riser visible on WS slope, pipe end not visible at all. Recommend contacting owner to determine status of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.42), listed as a 24-inch CMP]. FS Date: 6/8/2021						

LM Start	0.42	Rating **	M	Issue No.	2 (cont)
LM End	0.42	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67619_100411.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_67619_100408.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	2 (cont)
LM End	0.42	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202754 °	37.202754 °	
			-120.747689 °	-120.747689 °	
DWR ID	19846				

Photo 3 of 3 : UCIP_SP_2022_67619_100409.jpg



LS view: Slope and headwall at toe.

LM Start	0.65	Rating **	M	Issue No.	3
LM End	0.65	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202751 °	37.202751 °	
			-120.743474 °	-120.743474 °	
DWR ID	19847				

Comment Code

Inspector Comment

FS_ID:67927
 DS_ID:19847
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/201
 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.65), listed as a 24-inch CMP].
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_67927_100419.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.65	Rating **	M	Issue No.	3 (cont)
LM End	0.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202751 °	37.202751 °
				-120.743474 °	-120.743474 °
DWR ID	19847				

Photo 2 of 3 : UCIP_SP_2022_67927_100416.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.65	Rating **	M	Issue No.	3 (cont)
LM End	0.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67927_100417.jpg



LS view: Slope and headwall at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.84	Rating **	M	Issue No.	4
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202745 °	37.202745 °
				-120.739935 °	-120.739935 °
DWR ID	19848				
Comment Code					
Inspector Comment					
FS_ID:67621 DS_ID:19848 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.85), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.84), listed as a 24-inch CMP]. FS Date: 6/8/2021					

LM Start	0.84	Rating **	M	Issue No.	4 (cont)
LM End	0.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67621_100425.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_67621_100429.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.84	Rating **	M	Issue No.	4 (cont)	
LM End	0.84	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.202745 °	37.202745 °	
				-120.739935 °	-120.739935 °	
DWR ID	19848					

Photo 3 of 3 : UCIP_SP_2022_67621_100423.jpg



LS view: Headwall and slope from toe.

LM Start	1.13	Rating **	M	Issue No.	5
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202748 °	37.202748 °
				-120.734796 °	-120.734796 °
DWR ID	19849				

Photo 1 of 3 : UCIP_SP_2022_67622_100431.jpg



Levee crown looking downstream.

Comment Code					
Inspector Comment					
FS_ID:67622 DS_ID:19849 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense tumbleweeds blocking both LS and WS ends, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.13), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.13), listed as a 24-inch CMP]. FS Date: 6/8/2021					

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.13	Rating **	M	Issue No.	5 (cont)
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202748 °	37.202748 °
				-120.734796 °	-120.734796 °
DWR ID	19849				

Photo 2 of 3 : UCIP_SP_2022_67622_100435.jpg



LS view: Headwall visible at toe from crown.

LM Start	1.13	Rating **	M	Issue No.	5 (cont)
LM End	1.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67622_100436.jpg



LS view: Headwall and slope at toe.

LM Start	1.49	Rating **	A/W	Issue No.	9
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202748 °	37.202748 °
				-120.728182 °	-120.728182 °
DWR ID	DWR_NA0010_11_f_2017_9				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_129_9_20220308_00001.jpg



View of livestock trail on the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.49	Rating **	M	Issue No.	6
LM End	1.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202753 °	37.202753 °
				-120.728133 °	-120.728133 °
DWR ID	19850				
Comment Code					
Inspector Comment					
FS_ID:67623 DS_ID:19850 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Sediment buildup in both WS and LS pipe inlet and outlet, recommend clearing out. WS pipe edges are slightly warped. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 16.3 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.50), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.50), listed as a 48-inch CMP]. FS Date: 6/8/2021					

LM Start	1.49	Rating **	M	Issue No.	6 (cont)
LM End	1.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67623_100441.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_67623_100438.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.49	Rating **	M	Issue No.	6 (cont)
LM End	1.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202753 °	37.202753 °
				-120.728133 °	-120.728133 °
DWR ID	19850				

Photo 3 of 3 : UCIP_SP_2022_67623_100439.jpg



LS view: Slope and headwall from toe.

LM Start	1.77	Rating **	A/W	Issue No.	1
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202743 °	37.202743 °
				-120.723187 °	-120.723187 °
DWR ID	DWR_NA0010_11_s_2012_1				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.98	Rating **	M	Issue No.	7
LM End	1.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202740 °	37.202740 °
				-120.719247 °	-120.719247 °
DWR ID	19851				
Comment Code					
Inspector Comment					
FS_ID:67624					
DS_ID:19851					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR					
DMP internal inspection has found pipe integrity issues. LOF of					
crossing is between 4.1 and 5. Crossing will be monitored until funding					
becomes available for rehabilitation. Vegetation on both WS and LS					
ends, recommend removal. No permit was found authorizing this					
encroachment. CVFPB will need to review crossing to determine owner.					
The UCIP inspection was completed with GEI staff, P. Espinoza. (H.					
Dunn - GEI) 04/18/201 Need to contact owner. Recommend clearing					
sediment deposit inside pipe. (O. Magana - DWR UCIP)					
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage					
pipe through the levee, 12.8 feet below the crown. Flap gate on the					
waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002					
(HLM 1.99), listed as a 24-inch corrugated metal pipe (CMP). USACE					
San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM					
1.99), listed as a 24-inch CMP].					
FS Date: 6/8/2021					

LM Start	1.98	Rating **	M	Issue No.	7 (cont)
LM End	1.98	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67624_100447.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_67624_100444.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.98	Rating **	M	Issue No.	7 (cont)	
LM End	1.98	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.202740 °		37.202740 °
				-120.719247 °		-120.719247 °
DWR ID	19851					

Photo 3 of 3 : UCIP_SP_2022_67624_100445.jpg



LS view: Headwall and slope from toe.

LM Start	2.31	Rating **	M	Issue No.	17
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202730 °	37.202730 °
				-120.713368 °	-120.713368 °
DWR ID	DWR_NA0010_11_f_2019_17				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_129_17_20220308_00007.jpg



Damage to the landside slope from livestock traffic. (Fall 2019)

LM Start	2.46	Rating **	A/W	Issue No.	12
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11_f_2018_12				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage is from livestock to both landside and waterside slopes.					

Photo 1 of 2 : SP_2022_NA0010_129_12_20220414_00037.jpg



View of the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.46	Rating **	A/W	Issue No.	12 (cont)
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11_f_2018_12				

Photo 2 of 2 : SP_2022_NA0010_129_12_20220414_00038.jpg



View of the waterside slope. (Spring 2022)

LM Start	2.52	Rating **	A/W	Issue No.	16
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202738 °	37.202738 °
				-120.709455 °	-120.709455 °
DWR ID	DWR_NA0010_11_s_2022_16				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_129_16_20220414_00039.jpg



Looking downhill and damage to the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.04	Rating **	U	Issue No.	8
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202494 °	37.202494 °
				-120.700153 °	-120.700153 °
DWR ID	19852				
Comment Code					
Inspector Comment					
FS_ID:67928 DS_ID:19852 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe has since been cleared out of sediment since previous inspection. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GE)04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.04), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.04), listed as a 24-inch CMP]. FS Date: 6/8/2021					

Photo 1 of 3 : UCIP_SP_2022_67928_100453.jpg



Levee crown looking downstream.

LM Start	3.04	Rating **	U	Issue No.	8 (cont)
LM End	3.04	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_67928_100457.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.04	Rating **	U	Issue No.	8 (cont)
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202494 °	37.202494 °
				-120.700153 °	-120.700153 °
DWR ID	19852				

Photo 3 of 3 : UCIP_SP_2022_67928_100451.jpg



LS view: Close up of pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.40	Rating **	M	Issue No.	1	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.200934 °	37.200934 °	
				-120.747996 °	-120.747996 °	
DWR ID	19855					
Comment Code						
Inspector Comment						
FS_ID:67726 DS_ID:19855 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.41), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.39), listed as a 24-inch CMP]. FS Date: 6/8/2021						

LM Start	0.40	Rating **	M	Issue No.	1 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67726_100627.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2022_67726_100630.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	0.40	Rating **	M	Issue No.	1 (cont)
LM End	0.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200934 °	37.200934 °
				-120.747996 °	-120.747996 °
DWR ID	19855				

Photo 3 of 3 : UCIP_SP_2022_67726_100625.jpg



LS view: Slope from toe.

LM Start	1.06	Rating **	M	Issue No.	2
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200922 °	37.200922 °
				-120.736012 °	-120.736012 °
DWR ID	19856				

Comment Code

Inspector Comment

FS_ID:68233
DS_ID:19856
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Some vegetation growth starting over WS flapgate and LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.06), listed as a 24-inch CMP].
FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_68233_100633.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.06	Rating **	M	Issue No.	2 (cont)
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200922 °	37.200922 °
				-120.736012 °	-120.736012 °
DWR ID	19856				

Photo 2 of 3 : UCIP_SP_2022_68233_100637.jpg



LS view: Headwall visible at toe from crown.

LM Start	1.06	Rating **	M	Issue No.	2 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68233_100631.jpg



LS view: Slope and headwall at toe.

LM Start	1.06	Rating **	A/W	Issue No.	14
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.200924 °	37.200923 °
				-120.735998 °	-120.735747 °
DWR ID	DWR_NA0010_12_f_2018_14				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage along slope is caused by livestock cutting into the 2:1 slope. Continue to monitor.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.15	Rating **	M	Issue No.	10
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200935 °	37.200935 °
				-120.734471 °	-120.734471 °
DWR ID	DWR_NA0010_12_s_2022_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_130_10_20220414_00025.jpg



View of rodent hole with a large quantity of material removed. (Spring 2022)

LM Start	1.53	Rating **	M	Issue No.	4	
LM End	1.53	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.200913 °	37.200913 °	
				-120.727496 °	-120.727496 °	
DWR ID	19858					
Comment Code						
Inspector Comment						
FS_ID:67729 DS_ID:19858 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation over LS pipe inlet, headwall barely visible. Recommend removal of vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Limited access on landward side due to fence and dense vegetation. Recommend obtaining access to landward side and clear vegetation on landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.53), listed as a 24-inch CMP]. FS Date: 6/8/2021						

Photo 1 of 3 : UCIP_SP_2022_67729_100646.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	1.53	Rating **	M	Issue No.	4 (cont)
LM End	1.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200913 °	37.200913 °
				-120.727496 °	-120.727496 °
DWR ID	19858				

Photo 2 of 3 : UCIP_SP_2022_67729_100650.jpg



LS view: Toe from crown.

LM Start	1.53	Rating **	M	Issue No.	4 (cont)
LM End	1.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67729_100651.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.16	Rating **	M	Issue No.	5	
LM End	2.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °	
				-120.716118 °	-120.716118 °	
DWR ID	19859					
Comment Code						
Inspector Comment						
FS_ID:68234 DS_ID:19859 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet inaccessible due to barbed wire, just the top of the headwall visible. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Recommend clearing vegetation from landward side--headwall blocked. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.16), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.16), listed as a 24-inch CMP]. FS Date: 6/8/2021						

LM Start	2.16	Rating **	M	Issue No.	5 (cont)
LM End	2.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68234_100655.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_68234_100659.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.16	Rating **	M	Issue No.	5 (cont)
LM End	2.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °
				-120.716118 °	-120.716118 °
DWR ID	19859				

Photo 3 of 3 : UCIP_SP_2022_68234_100653.jpg



LS view: Slope from toe.

LM Start	2.70	Rating **	M	Issue No.	6
LM End	2.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

Comment Code

Inspector Comment

FS_ID:67731
 DS_ID:19860
 EP_NO: N/A
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet covered with vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.70), listed as a 24-inch CMP].
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_67731_100663.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	2.70	Rating **	M	Issue No.	6 (cont)
LM End	2.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

Photo 2 of 3 : UCIP_SP_2022_67731_100666.jpg



LS view: Toe from crown.

LM Start	2.70	Rating **	M	Issue No.	6 (cont)
LM End	2.70	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67731_100660.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.00	Rating **	M	Issue No.	7
LM End	3.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200931 °	37.200931 °
				-120.700908 °	-120.700908 °
DWR ID	19861				
Comment Code					
Inspector Comment					
FS_ID:68235 DS_ID:19861 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet inaccessible due to barbed wire and WS flapgate surrounded by water, limited inspection for both. LS pipe inlet also has dense vegetation covering it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 11/09/2015 DWR Inspection section confirmed issue has been addressed. Need to coordinate with LMA to determine additional details for extent of repair. (O. Magana - DWR UCIP)04/18/2014 Soil missing behind concrete headwall on waterward side. Unable to determine if missing soil is due to sink holes, rodent activity, or due to erosion. Headwall appears to be leaning slightly forward. Reason why this crossing was labelled urgent was due to the uncertainty of damage to concrete headwall and reason for soil missing behind concrete. Need to coordinate with LMA to determine more information about repair at this location. (O. Magana -DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.00), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.00), listed as a 24-inch CMP]. FS Date: 6/8/2021					

Photo 1 of 3 : UCIP_SP_2022_68235_100670.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/05/2022 04/05/2022	Corey Fujitani

LM Start	3.00	Rating **	M	Issue No.	7 (cont)
LM End	3.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200931 °	37.200931 °
				-120.700908 °	-120.700908 °
DWR ID	19861				

Photo 2 of 3 : UCIP_SP_2022_68235_100671.jpg



LS view: Toe from crown.

LM Start	3.00	Rating **	M	Issue No.	7 (cont)
LM End	3.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68235_100667.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	7
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.037779 °	37.046300 °
				-120.440413 °	-120.428143 °
DWR ID	DWR_NA0010_13_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_131_7_20220414_00013.jpg



View of vegetation on the landside slope. (Spring 2022)

LM Start	0.33	Rating **	M	Issue No.	11
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.038270 °	37.046300 °
				-120.440205 °	-120.428143 °
DWR ID	DWR_NA0010_13_s_2022_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.56	Rating **	M	Issue No.	3
LM End	0.70	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.041294 °	37.042745 °
				-120.438570 °	-120.436775 °
DWR ID	DWR_NA0010_13_s_2021_3				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_131_3_20220308_00001.jpg



Looking upstream along the levee crown. (Spring 2021)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	1	
LM End	1.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.045872 °	37.045872 °	
				-120.430070 °	-120.430070 °	
DWR ID	19727					
Comment Code						
Inspector Comment						
FS_ID:69821 DS_ID:19727 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Appears abandoned due to actuator missing on slidegate on the WS shoulder and if abandoned, should be done properly. Limited inspection of inlet and outlet due to standing water over concrete platforms surrounding pipe inlet/outlet, creating inability to inspect closely. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)03/27/2014 Appears abandoned and if so should be done so properly. Pipe filled with soil on WS at outlet. Actuator missing from slide gate on WS shoulder. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 1 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.14), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.14), listed as a 36-inch CMP]. FS Date: 6/23/2021 1:08:00 PM						

LM Start	1.14	Rating **	M	Issue No.	1 (cont)
LM End	1.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_69821_103411.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2022_69821_103418.jpg



LS view: concrete inlet pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	1 (cont)	
LM End	1.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.045872 °		37.045872 °
				-120.430070 °		-120.430070 °
DWR ID	19727					

Photo 3 of 3 : UCIP_SP_2022_69821_103419.jpg



LS view: close up of concrete inlet pipe on LS toe.

LM Start	1.14	Rating **	M	Issue No.	2
LM End	1.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

Comment Code

Inspector Comment

FS_ID:69820
DS_ID:19908
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No lid on riser at WS shoulder, causing safety hazard. Limited inspection of both inlet and outlet due to standing water over concrete pads around the pipe inlet/out. Outlet also has metal grate over it, limiting ability to inspect pipe closely. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)03/27/2014 No lid on riser at WS shoulder could be safety issue. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.14), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.14), listed as a 36-inch CMP].
FS Date: 6/23/2021 2:23:00 PM

Photo 1 of 3 : UCIP_SP_2022_69820_103422.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	2 (cont)
LM End	1.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

Photo 2 of 3 : UCIP_SP_2022_69820_103423.jpg



LS view from levee crown.

LM Start	1.14	Rating **	M	Issue No.	2 (cont)
LM End	1.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_69820_103430.jpg



LS view: Slope and headwall from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	8
LM End	1.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.032449 °	37.045399 °
				-120.441252 °	-120.427793 °
DWR ID	DWR_NA0010_14_s_2022_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_132_8_20220414_00011.jpg



View of vegetation on the waterside slope looking downstream. (Spring 2022)

LM Start	0.25	Rating **	A/W	Issue No.	5
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.035841 °	37.035841 °
				-120.439795 °	-120.439795 °
DWR ID	DWR_NA0010_14_f_2017_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_132_5_20220308_00002.jpg



Looking at the landside slope.

LM Start	0.28	Rating **	M	Issue No.	7
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.036178 °	37.041156 °
				-120.439657 °	-120.436829 °
DWR ID	DWR_NA0010_14_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.86	Rating **	A/W	Issue No.	4
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.043183 °	37.043183 °
				-120.434323 °	-120.434323 °
DWR ID	DWR_NA0010_14_f_2018_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are noted on the landside slope.					

No Photos

LM Start	1.24	Rating **	M	Issue No.	79
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045343 °	37.045343 °
				-120.428007 °	-120.428007 °
DWR ID	DWR_NA0010_14_s_2021_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are noted on the landside at this location.					

Photo 1 of 1 : SP_2022_NA0010_132_79_20220308_00004.jpg



View of rodent burrows on the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.26	Rating **	U	Issue No.	2
LM End	1.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045383 °	37.045383 °
				-120.427754 °	-120.427754 °
DWR ID	19910				
Comment Code					
Inspector Comment					
FS_ID:69824 DS_ID:19910 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/23/2021 Record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Lid missing from CMP riser on WS slope, causing safety concern. LS not accessible; limited inspection due to barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Slide gate in a 42-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the WS end. Pipe terminates into a concrete ditch on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.26), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.26), listed as a 36-inch CMP]. FS Date: 6/23/2021 2:07:00 PM					

LM Start	1.26	Rating **	U	Issue No.	2 (cont)
LM End	1.26	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_69824_103809.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2022_69824_103811.jpg



LS view: inlet assumed to be within irrigation structure off of toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.26	Rating **	U	Issue No.	2 (cont)
LM End	1.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045383 °	37.045383 °
				-120.427754 °	-120.427754 °
DWR ID	19910				

Photo 3 of 3 : UCIP_SP_2022_69824_103810.jpg



WS view: slidegate in CMP riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.02	Rating **	A	Issue No.	4
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996551 °	36.996551 °
				-120.410152 °	-120.410152 °
DWR ID	DWR_NA0010_15_s_2022_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.26	Rating **	C	Issue No.	5
LM End	0.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996540 °	36.996536 °
				-120.405812 °	-120.400427 °
DWR ID	DWR_NA0010_15_f_2021_5				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.95	Rating **	M	Issue No.	6
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996555 °	36.996555 °
				-120.393195 °	-120.393195 °
DWR ID	DWR_NA0010_15_s_2022_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Burrows on both landside and waterside slopes.					

Photo 1 of 1 : SP_2022_NA0010_133_6_20220414_00013.jpg



View of rodent holes in the waterside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	2	
LM End	1.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.996566 °	36.996566 °	
				-120.392280 °	-120.392280 °	
DWR ID	19912					
Comment Code						
Inspector Comment						
FS_ID:69727 DS_ID:19912 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS pipe due to vegetation overgrowth; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.01), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.01), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 3:18:00 PM						

LM Start	1.00	Rating **	M	Issue No.	2 (cont)
LM End	1.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_69727_103822.jpg



view of levee crown

Photo 2 of 3 : UCIP_SP_2022_69727_103823.jpg



LS view: toe from levee crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	2 (cont)
LM End	1.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996566 °	36.996566 °
				-120.392280 °	-120.392280 °
DWR ID	19912				

Photo 3 of 3 : UCIP_SP_2022_69727_103825.jpg



LS view: concrete headwall on toe.

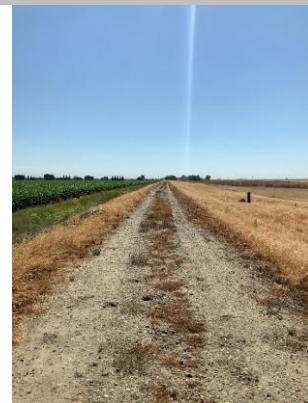
LM Start	1.53	Rating **	M	Issue No.	3
LM End	1.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				

Comment Code

Inspector Comment

FS_ID:69728
DS_ID:19913
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS pipe due to vegetation overgrowth; recommend removal. Note that wooden board is holding flapgate closed on WS; recommend removing before flood season to allow for flow. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 03/27/2014 Excessive vegetation at inlet on LS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.
[Additional Reference(s): DWR Levee Log, 2002 (HLM 1.54), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.53), listed as a 2.5-feet by 2.5-feet RCBC].
FS Date: 6/24/2021 3:47:00 PM

Photo 1 of 3 : UCIP_SP_2022_69728_103828.jpg



view of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.53	Rating **	M	Issue No.	3 (cont)
LM End	1.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				

Photo 2 of 3 : UCIP_SP_2022_69728_103829.jpg



LS view of toe from levee crown.

LM Start	1.53	Rating **	M	Issue No.	3 (cont)
LM End	1.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_69728_103831.jpg



LS view: concrete headwall from toe.

LM Start	1.56	Rating **	M	Issue No.	8
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996583 °	36.996603 °
				-120.382142 °	-120.374159 °
DWR ID	DWR_NA0010_15_s_2022_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.60	Rating **	M	Issue No.	7
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996587 °	36.996613 °
				-120.381540 °	-120.374046 °
DWR ID	DWR_NA0010_15_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_133_7_20220414_00014.jpg



Looking downstream along the landside slope. (Spring 2022)

LM Start	1.86	Rating **	M	Issue No.	9
LM End	1.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996589 °	36.996589 °
				-120.376859 °	-120.376859 °
DWR ID	DWR_NA0010_15_s_2022_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.86	Rating **	C	Issue No.	11
LM End	1.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996590 °	36.996587 °
				-120.376833 °	-120.374503 °
DWR ID	DWR_NA0010_15_s_2012_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.01	Rating **	C	Issue No.	7
LM End	0.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995399 °	36.995438 °
				-120.408819 °	-120.402279 °
DWR ID	DWR_NA0010_16_f_2021_7				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.30	Rating **	U	Issue No.	10
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995433 °	36.995433 °
				-120.403543 °	-120.403543 °
DWR ID	DWR_NA0010_16_s_2022_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow is approximately 18-inches across.					

Photo 1 of 1 : SP_2022_NA0010_134_10_20220414_00010.jpg



Large animal burrow on the landside slope. (Spring 2022)

LM Start	0.81	Rating **	M	Issue No.	6
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995456 °	36.995500 °
				-120.394346 °	-120.373700 °
DWR ID	DWR_NA0010_16_s_2022_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	0.93	Rating **	M	Issue No.	92
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995439 °	36.995439 °
				-120.392146 °	-120.392146 °
DWR ID	DWR_NA0010_16_s_2015_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this section.					

Photo 1 of 1 : SP_2022_NA0010_134_92_20220414_00011.jpg



Looking at several rodent holes on landward slope. (Spring 2022)

LM Start	1.09	Rating **	M	Issue No.	3
LM End	1.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995433 °	36.995433 °
				-120.389190 °	-120.389190 °
DWR ID	DWR_NA0010_16_f_2016_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified on the levee crown.					

Photo 1 of 1 : SP_2022_NA0010_134_3_20220308_00002.jpg



Looking at several rodent holes and mole holes on levee crown.

LM Start	1.38	Rating **	C	Issue No.	9
LM End	1.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.995478 °	36.995492 °
				-120.383970 °	-120.374852 °
DWR ID	DWR_NA0010_16_s_2019_9				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.40	Rating **	M	Issue No.	5
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995487 °	36.995500 °
				-120.383748 °	-120.373700 °
DWR ID	DWR_NA0010_16_s_2022_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_134_5_20220414_00012.jpg



Looking vegetation on the landside slope. (Spring 2022)

LM Start	1.41	Rating **	M	Issue No.	12
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995467 °	36.995467 °
				-120.383492 °	-120.383492 °
DWR ID	DWR_NA0010_16_s_2022_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.44	Rating **	M	Issue No.	1
LM End	1.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995473 °	36.995473 °
				-120.382872 °	-120.382872 °
DWR ID	19915				
Comment Code					
Inspector Comment					
FS_ID:69769 DS_ID:19915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection on LS and WS due to vegetation overgrowth, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI) 04/01/2014 Dense vegetation buildup at landside toe--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Two concrete cutoff walls. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.46), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.46), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 11:09:00 AM					

LM Start	1.44	Rating **	M	Issue No.	1 (cont)
LM End	1.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_69769_103847.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2022_69769_103851.jpg



LS view: Slope and concrete headwall at inlet, covered by heavy vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.44	Rating **	M	Issue No.	1 (cont)
LM End	1.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995473 °	36.995473 °
				-120.382872 °	-120.382872 °
DWR ID	19915				

Photo 3 of 3 : UCIP_SP_2022_69769_103852.jpg



LS view: close up of concrete headwall at inlet.

LM Start	1.65	Rating **	M	Issue No.	8
LM End	1.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995498 °	36.995502 °
				-120.379192 °	-120.375747 °
DWR ID	DWR_NA0010_16_s_2022_8				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_134_8_20220414_00013.jpg



Looking downstream along the levee crown. (Spring 2022)

LM Start	1.68	Rating **	M	Issue No.	4
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995503 °	36.995503 °
				-120.378579 °	-120.378579 °
DWR ID	DWR_NA0010_16_s_2014_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/07/2022 04/07/2022	Corey Fujitani

LM Start	1.77	Rating **	U	Issue No.	2
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995487 °	36.995487 °
				-120.377054 °	-120.377054 °
DWR ID	DWR_NA0010_16_f_2014_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent holes are on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_134_2_20220308_00001.jpg



Looking southwest at several rodent holes on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	14
LM End	2.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976437 °	36.952462 °
				-120.374767 °	-120.348948 °
DWR ID	DWR_NA0010_17_s_2022_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_135_14_20220502_00040.jpg



View of vegetation growing along the landside slope. (Spring 2022)

LM Start	0.03	Rating **	M	Issue No.	15
LM End	2.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976441 °	36.952462 °
				-120.374245 °	-120.348948 °
DWR ID	DWR_NA0010_17_s_2022_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_135_15_20220502_00041.jpg



Looking upstream along the waterside slope. (Spring 2022)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	1	
LM End	2.57	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.952254 °	36.952254 °	
				-120.348804 °	-120.348804 °	
DWR ID	19916					
Comment Code						
Inspector Comment						
FS_ID:68828 DS_ID:19916 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to tumbleweeds blocking LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.58), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.58), listed as a 5-feet by 4-feet RCBC]. FS Date: 7/19/2021						

LM Start	2.57	Rating **	M	Issue No.	1 (cont)
LM End	2.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68828_102399.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_68828_102403.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	6.51	Rating **	M	Issue No.	4
LM End	6.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.898093 °	36.894147 °
				-120.326689 °	-120.324763 °
DWR ID	DWR_NA0010_17_s_2012_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this reach.					

Photo 1 of 1 : SP_2022_NA0010_135_4_20220502_00044.jpg



View of rodent holes on the landside slope. (Spring 2022)

LM Start	7.27	Rating **	M	Issue No.	5
LM End	7.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.887852 °	36.886388 °
				-120.321668 °	-120.320950 °
DWR ID	DWR_NA0010_17_s_2012_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this reach.					

Photo 1 of 1 : SP_2022_NA0010_135_5_20220308_00003.jpg



Looking at typical view of rodent holes on landward slope.

LM Start	7.74	Rating **	U	Issue No.	18
LM End	7.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.881470 °	36.881470 °
				-120.318961 °	-120.318961 °
DWR ID	DWR_NA0010_17_f_2021_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_135_18_20220308_00008.jpg



Looking up the landside slope at several rodent holes. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.15	Rating **	M	Issue No.	24
LM End	8.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.875525 °	36.875525 °
				-120.317788 °	-120.317788 °
DWR ID	DWR_NA0010_17_f_2017_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are on the landside and crown of levee. Rodent holes have caused some erosion on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_135_24_20220308_00010.jpg



Looking east at the landside slope.

LM Start	8.37	Rating **	M	Issue No.	6	
LM End	8.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.872358 °	36.872358 °	
				-120.317170 °	-120.317170 °	
DWR ID	19922					
Comment Code						
Inspector Comment						
FS_ID:68829						
DS_ID:19922						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection due to dense tumbleweeds over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)						
FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.38), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 8.38), listed as a 5-feet by 4-feet RCBC].						
FS Date: 7/19/2021						

Photo 1 of 3 : UCIP_SP_2022_68829_102421.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.37	Rating **	M	Issue No.	6 (cont)	
LM End	8.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.872358 °	36.872358 °	
				-120.317170 °	-120.317170 °	
DWR ID	19922					

Photo 2 of 3 : UCIP_SP_2022_68829_102425.jpg



LS view: Toe from crown.

LM Start	8.37	Rating **	M	Issue No.	6 (cont)
LM End	8.37	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68829_102426.jpg



LS view: Headwall and slope from toe.

LM Start	8.75	Rating **	M	Issue No.	20
LM End	11.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.866930 °	36.835802 °
				-120.316131 °	-120.304179 °
DWR ID	DWR_NA0010_17_s_2022_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.77	Rating **	M	Issue No.	21
LM End	11.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.866633 °	36.827930 °
				-120.316072 °	-120.297751 °
DWR ID	DWR_NA0010_17_s_2022_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.88	Rating **	M	Issue No.	7	
LM End	9.88	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.850703 °	36.850703 °	
				-120.314154 °	-120.314154 °	
DWR ID	19917					
Comment Code						
Inspector Comment						
FS_ID:68830 DS_ID:19917 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to dense tumbleweeds over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15 feet below the crown. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.89), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 9.89), listed as a 5-feet by 4-feet RCBC]. FS Date: 7/19/2021						

Photo 1 of 3 : UCIP_SP_2022_68830_102428.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	9.88	Rating **	M	Issue No.	7 (cont)
LM End	9.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.850703 °	36.850703 °
				-120.314154 °	-120.314154 °
DWR ID	19917				

Photo 2 of 3 : UCIP_SP_2022_68830_102432.jpg



LS view: Toe from crown.

LM Start	9.88	Rating **	M	Issue No.	7 (cont)
LM End	9.88	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68830_102433.jpg



LS view: Headwall and slope from toe.

LM Start	12.17	Rating **	A/W	Issue No.	39
LM End	12.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.822818 °	36.822818 °
				-120.299680 °	-120.299680 °
DWR ID	DWR_NA0010_17_f_2018_39				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
A large hole is on the landside toe.					

Photo 1 of 1 : SP_2022_NA0010_135_39_20220308_00012.jpg



Large rodent hole at toe of levee. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	12.25	Rating **	U	Issue No.	19
LM End	12.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.821776 °	36.821776 °
				-120.300137 °	-120.300137 °
DWR ID	DWR_NA0010_17_f_2020_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_135_19_20220308_00009.jpg



View of rodent burrows on the landside slope. (Fall 2020)

LM Start	12.28	Rating **	M	Issue No.	3
LM End	12.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.821368 °	36.820843 °
				-120.300283 °	-120.300469 °
DWR ID	DWR_NA0010_17_s_2014_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_135_3_20220308_00001.jpg



View of multiple rodent holes in the landside slope. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	13.29	Rating **	M	Issue No.	9	
LM End	13.29	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.807509 °	36.807509 °	
				-120.306231 °	-120.306231 °	
DWR ID	19918					
Comment Code						
Inspector Comment						
FS_ID:68831 DS_ID:19918 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. WS flapgate has plank holding it shut, remove before flood season. Limited inspection due to dense tumbleweeds covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/01/2014 Some vegetation buildup at inlet--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.29), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 13.30), listed as a 5-feet by 4-feet RCBC]. FS Date: 7/19/2021						

LM Start	13.29	Rating **	M	Issue No.	9 (cont)
LM End	13.29	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68831_102435.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_68831_102439.jpg



LS view: Headwall visible at toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	13.29	Rating **	M	Issue No.	9 (cont)
LM End	13.29	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.807509 °	36.807509 °	
			-120.306231 °	-120.306231 °	
DWR ID	19918				

Photo 3 of 3 : UCIP_SP_2022_68831_102440.jpg



LS view: Headwall and slope from toe.

LM Start	14.69	Rating **	M	Issue No.	13
LM End	14.69	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.789066 °	36.789066 °	
			-120.300644 °	-120.300644 °	
DWR ID	19920				

Comment Code

Inspector Comment

FS_ID:68525
DS_ID:19920
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/19/2021 The record remains Non-Urgent. Dense tumbleweeds over WS flapgate and LS inlet, recommend removal of both sides. Limited inspection on both WS and LS ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/01/2014 Heavy vegetation buildup at LS toe--recommend clearing. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.
[Additional Reference(s): DWR Levee Log, 2002 (HLM 14.70), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 14.69), listed as a 2.5-feet by 2.5-feet RCBC].
FS Date: 7/19/2021

Photo 1 of 3 : UCIP_SP_2022_68525_102470.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/19/2022 04/19/2022	Corey Fujitani

LM Start	14.69	Rating **	M	Issue No.	13 (cont)
LM End	14.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.789066 °	36.789066 °
				-120.300644 °	-120.300644 °
DWR ID	19920				

Photo 2 of 3 : UCIP_SP_2022_68525_102474.jpg



LS view: Toe from crown.

LM Start	14.69	Rating **	M	Issue No.	13 (cont)
LM End	14.69	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68525_102475.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	44
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.974155 °	36.957427 °	
			-120.363313 °	-120.354482 °	
DWR ID	DWR_NA0010_18_s_2022_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	M	Issue No.	43
LM End	1.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.974155 °	36.953619 °	
			-120.363313 °	-120.352127 °	
DWR ID	DWR_NA0010_18_s_2022_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.78	Rating **	M	Issue No.	55
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.964824 °	36.964824 °	
			-120.358065 °	-120.358065 °	
DWR ID	DWR_NA0010_18_f_2018_55				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_55_20220308_00016.jpg



View of rodent holes from levee toe looking towards centerline. (Fall 2018)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	1.44	Rating **	A/W	Issue No.	7
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.956163 °	36.956163 °
				-120.353672 °	-120.353672 °
DWR ID	DWR_NA0010_18_f _ 2018_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_7_20220308_00001.jpg



Looking at typical view of rodent holes within this section on landward slope.

LM Start	1.68	Rating **	U	Issue No.	42
LM End	1.68	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			36.952983 °	36.952983 °
				-120.351766 °	-120.351766 °
DWR ID	DWR_NA0010_18_s_2022_42				
Comment Code					
Inspector Comment					
Gate has broken off hinges and requires replacement.					

Photo 1 of 1 : SP_2022_NA0010_137_42_20220502_00059.jpg



View of broken hinges on the levee access gate. (Spring 2022)

LM Start	1.68	Rating **	M	Issue No.	40
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.952969 °	36.930394 °
				-120.351725 °	-120.341417 °
DWR ID	DWR_NA0010_18_s_2022_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	2.25	Rating **	U	Issue No.	8
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.945563 °	36.945563 °
				-120.347121 °	-120.347121 °
DWR ID	DWR_NA0010_18_f_2015_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There is one large rodent hole and other smaller rodent holes within this area.					

Photo 1 of 1 : SP_2022_NA0010_137_8_20220308_00002.jpg



Looking at large rodent hole on landward slope.

LM Start	3.41	Rating **	U	Issue No.	31
LM End	3.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.929498 °	36.929093 °
				-120.341091 °	-120.340920 °
DWR ID	DWR_NA0010_18_f_2019_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_31_20220308_00009.jpg



View of rodent burrows in the landside slope. (Fall 2019)

LM Start	3.48	Rating **	M	Issue No.	66
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.928542 °	36.928542 °
				-120.340732 °	-120.340732 °
DWR ID	DWR_NA0010_18_s_2019_66				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	3.66	Rating **	M	Issue No.	39
LM End	4.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.926042 °	36.909385 °
				-120.339818 °	-120.333723 °
DWR ID	DWR_NA0010_18_s_2022_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.73	Rating **	U	Issue No.	47
LM End	3.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.924969 °	36.924969 °
				-120.339407 °	-120.339407 °
DWR ID	DWR_NA0010_18_s_2020_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_47_20220308_00015.jpg



Large rodent burrow in the landside slope. (Spring 2020)

LM Start	4.36	Rating **	M	Issue No.	20
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.916226 °	36.916061 °
				-120.336214 °	-120.336164 °
DWR ID	DWR_NA0010_18_s_2021_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	4.69	Rating **	M	Issue No.	16
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.911613 °	36.911613 °
				-120.334542 °	-120.334542 °
DWR ID	DWR_NA0010_18_f_2017_16				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the landside slope and crown.					

No Photos

LM Start	4.80	Rating **	M	Issue No.	19
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.910130 °	36.910130 °
				-120.334002 °	-120.334002 °
DWR ID	DWR_NA0010_18_f_2020_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.34	Rating **	M	Issue No.	25
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.902688 °	36.902688 °
				-120.331282 °	-120.331282 °
DWR ID	DWR_NA0010_18_f_2019_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	5.54	Rating **	M	Issue No.	64
LM End	5.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.899995 °	36.897624 °
				-120.329992 °	-120.328828 °
DWR ID	DWR_NA0010_18_s_2019_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.74	Rating **	U	Issue No.	15
LM End	5.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.897237 °	36.893924 °
				-120.328633 °	-120.327020 °
DWR ID	DWR_NA0010_18_f_2017_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple large rodent holes at the landside toe.					

Photo 1 of 1 : SP_2022_NA0010_137_15_20220308_00005.jpg



Looking west at the landside slope. (Fall 2017)

LM Start	6.13	Rating **	M	Issue No.	36
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.891987 °	36.891987 °
				-120.326065 °	-120.326065 °
DWR ID	DWR_NA0010_18_f_2021_36				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	6.52	Rating **	M	Issue No.	9
LM End	6.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.886767 °	36.886767 °
				-120.323482 °	-120.323482 °
DWR ID	DWR_NA0010_18_f_2014_9				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.62	Rating **	M	Issue No.	35
LM End	6.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.885376 °	36.885376 °
				-120.322820 °	-120.322820 °
DWR ID	DWR_NA0010_18_f_2021_35				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_35_20220308_00012.jpg



Looking at rodent holes on the landside slope. (Fall 2021)

LM Start	6.84	Rating **	U	Issue No.	23
LM End	6.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.882384 °	36.882384 °
				-120.321417 °	-120.321417 °
DWR ID	DWR_NA0010_18_f_2019_23				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_23_20220308_00008.jpg



Representative view of rodent burrows observed at this location. (Fall 2019)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	6.93	Rating **	M	Issue No.	38
LM End	8.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.881085 °	36.852856 °
				-120.321099 °	-120.316432 °
DWR ID	DWR_NA0010_18_s_2022_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	7.39	Rating **	U	Issue No.	14
LM End	7.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.874479 °	36.872503 °
				-120.319831 °	-120.319438 °
DWR ID	DWR_NA0010_18_f_2017_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted along the landside slope in this area.					

Photo 1 of 1 : SP_2022_NA0010_137_14_20220308_00004.jpg



View of rodent burrows in the landside slope. (Spring 2020)

LM Start	7.56	Rating **	M	Issue No.	37
LM End	10.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.872055 °	36.837417 °
				-120.319339 °	-120.309226 °
DWR ID	DWR_NA0010_18_s_2022_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	7.91	Rating **	U	Issue No.	21
LM End	7.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.867030 °	36.867030 °
				-120.318361 °	-120.318361 °
DWR ID	DWR_NA0010_18_f _ 2019_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent burrows in the landside toe.					

Photo 1 of 1 : SP_2022_NA0010_137_21_20220308_00007.jpg



Several rodent burrows observed at the landside toe. (Fall 2019)

LM Start	8.67	Rating **	U	Issue No.	13
LM End	8.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.856115 °	36.856115 °
				-120.316595 °	-120.316595 °
DWR ID	DWR_NA0010_18_f_2017_13				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_13_20220308_00003.jpg



Looking south at the landside slope.

LM Start	8.89	Rating **	U	Issue No.	18
LM End	8.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.852936 °	36.852936 °
				-120.316451 °	-120.316451 °
DWR ID	DWR_NA0010_18_f_2020_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_18_20220308_00006.jpg



Large rodent holes in the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	10.95	Rating **	M	Issue No.	34
LM End	12.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.828276 °	36.810895 °
				-120.300097 °	-120.307029 °
DWR ID	DWR_NA0010_18_s_2022_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.95	Rating **	M	Issue No.	5
LM End	10.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.828184 °	36.828184 °
				-120.300114 °	-120.300114 °
DWR ID	DWR_NA0010_18_s_2021_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	10.97	Rating **	M	Issue No.	33
LM End	12.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.827901 °	36.810895 °
				-120.300125 °	-120.307029 °
DWR ID	DWR_NA0010_18_s_2022_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_33_20220502_00061.jpg



Looking upstream along the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/20/2022 04/20/2022	Corey Fujitani

LM Start	12.01	Rating **	M	Issue No.	27
LM End	12.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.813516 °	36.812350 °
				-120.305860 °	-120.306369 °
DWR ID	DWR_NA0010_18_f_2018_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted along this section.					

No Photos

LM Start	13.03	Rating **	M	Issue No.	32
LM End	13.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.799306 °	36.796389 °
				-120.308828 °	-120.308388 °
DWR ID	DWR_NA0010_18_s_2022_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_137_32_20220502_00062.jpg



View of vegetation on the waterside slope looking downstream. (Spring 2022)

LM Start	14.18	Rating **	M	Issue No.	11
LM End	14.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.785107 °	36.785107 °
				-120.300107 °	-120.300107 °
DWR ID	DWR_NA0010_18_f_2018_11				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	39
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.206999 °	37.212592 °	
			-120.696285 °	-120.697991 °	
DWR ID	DWR_NA0010_22A_s_2022_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	5	
LM End	0.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.207039 °	37.207039 °	
				-120.696255 °	-120.696255 °	
DWR ID	19933					
Comment Code						
Inspector Comment						
FS_ID:69879 DS_ID:19933 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. Limited inspection on WS due to elevated water level. No pipe inlet or outlet was visible on LS or WS. Riser on WS missing lid, causing a safety hazard. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza ? GEI)						
07/19/2016 Gate inside riser appears operable--riser lid damage. Crossing is not visible on LS due to dense vegetation. Recommend clearing dense vegetation along WS and LS slope and repairing riser cover. (O. Magana - DWR UCIP)04/15/2014 No actuator wheel on slide gate at WS shoulder. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.10), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.10), listed as a 24-inch CMP]. FS Date: 6/9/2021 12:38:00 PM						

LM Start	0.10	Rating **	M	Issue No.	5 (cont)
LM End	0.10	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_69879_103853.jpg



View from levee crown. CMP riser visible on WS.

Photo 2 of 3 : UCIP_SP_2022_69879_103856.jpg



LS view: Toe from crown, dense vegetation.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	5 (cont)
LM End	0.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207039 °	37.207039 °
				-120.696255 °	-120.696255 °
DWR ID	19933				

Photo 3 of 3 : UCIP_SP_2022_69879_103854.jpg



WS view: Slope from crown, CMP riser visible at toe.

LM Start	0.50	Rating **	U	Issue No.	38
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.212601 °	37.218166 °
				-120.697992 °	-120.697531 °
DWR ID	DWR_NA0010_22A_s _ 2022_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_138_38_20220502_00060.jpg



View of the vegetation growing on the landside slope. (Spring 2022)

LM Start	0.89	Rating **	M	Issue No.	36
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.218166 °	37.227678 °
				-120.697531 °	-120.700998 °
DWR ID	DWR_NA0010_22A_s_2022_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_138_36_20220502_00061.jpg



Looking upstream along the landside slope. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	1.04	Rating **	M	Issue No.	22
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.220281 °	37.220281 °
				-120.698287 °	-120.698287 °
DWR ID	DWR_NA0010_22A_f_2021_22				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_138_22_20220308_00020.jpg



View of the erosion pocket on the levee slope (Fall 2021).

LM Start	1.73	Rating **	M	Issue No.	16
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.229779 °	37.229779 °
				-120.701797 °	-120.701797 °
DWR ID	DWR_NA0010_22A_s_2018_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are noted around the fence line.					

No Photos

LM Start	1.77	Rating **	M	Issue No.	27
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230436 °	37.230436 °
				-120.701992 °	-120.701992 °
DWR ID	DWR_NA0010_22A_f_2018_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	2.25	Rating **	M	Issue No.	29	
LM End	2.37	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Livestock			37.237050 °	37.238776 °	
				-120.704393 °	-120.705028 °	
DWR ID	DWR_NA0010_22A_f_2018_29					
Comment Code						
E4 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						
There is slope erosion from livestock, the slope is no longer 3:1.						

Photo 1 of 1 : SP_2022_NA0010_138_29_20220308_00023.jpg



View of waterside slope from levee crown. (Fall 2018)

LM Start	2.65	Rating **	U	Issue No.	1
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.242595 °	37.242595 °
				-120.706470 °	-120.706470 °
DWR ID	NA0010U22RM3.87				
Comment Code					
Inspector Comment					
Site ID: NA0010U22RM3.87 07/22/2021: The erosion length was updated to 50 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection. 08/18/2020: The site has been covered with loose fill and crushed concrete pieces. The erosion will likely worsen again during the next high water. 09/12/2019: The erosion has cut into the levee prism and damaged almost half of the levee. The livestock traffic has likely caused the erosion.					

Photo 1 of 2 : SP_2022_NA0010_138_1_20220308_00001.jpg



7/22/2021: View of the erosion with fill and concrete looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	2.65	Rating **	U	Issue No.	1 (cont)
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.244595 °	37.244595 °	
			-120.706470 °	-120.706470 °	
DWR ID	NA0010U22RM3.87				

Photo 2 of 2 : SP_2022_NA0010_138_1_20220308_00002.jpg



8/18/2020: Close-up view of the erosion.

LM Start	2.82	Rating **	U	Issue No.	3
LM End	2.83	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.244940 °	37.244940 °	
			-120.707467 °	-120.707467 °	
DWR ID	NA0010U22RM3.7				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.7

07/22/2021: From 2020 to present, no significant changes were observed during the annual survey. In some areas, the levee shoulder width is up to 8 ft. There is some crushed concrete on the levee slope. 09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

LM Start	2.82	Rating **	U	Issue No.	3 (cont)
LM End	2.83	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_138_3_20220308_00005.jpg



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SP_2022_NA0010_138_3_20220308_00006.jpg



7/22/2021: View of the eroded levee slope looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	2.87	Rating **	U	Issue No.	4
LM End	2.88	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.245536 °	37.245536 °	
			-120.708119 °	-120.708119 °	

DWR ID NA0010U22RM3.65

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.65

07/22/2021: No significant changes were observed since the previous inspection.

08/18/2020: No vegetation visible in the area of the erosion. Noticed some crushed concrete pieces on the levee slope and a small amount of loose fill.

09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

LM Start	2.87	Rating **	U	Issue No.	4 (cont)
LM End	2.88	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_138_4_20220308_00007.jpg



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SP_2022_NA0010_138_4_20220308_00008.jpg



7/22/2021: View of the erosion looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	2.96	Rating **	U	Issue No.	7
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.246408 °	37.246408 °	
			-120.709197 °	-120.709197 °	
DWR ID	NA0010U22RM3.56				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.56

07/22/2021: No significant changes were observed since the previous inspection.

08/18/2020: The erosion has been covered with loose fill and crushed concrete pieces. A nearly vertical slope remains at the levee toe in some sections. The site will likely worsen again during the next high water.

09/12/2019: The erosion has damaged entire levee slope. The livestock activity likely has caused the erosion.

LM Start	2.96	Rating **	U	Issue No.	7 (cont)
LM End	2.97	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_138_7_20220308_00010.jpg



7/22/2021: View of the erosion and crushed concrete on the slope.

Photo 2 of 2 : SP_2022_NA0010_138_7_20220308_00011.jpg



7/22/2021: View of the erosion looking upstream.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	3.14	Rating **	U	Issue No.	2
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.248257 °	37.248257 °
				-120.711547 °	-120.711547 °
DWR ID	NA0010U22RM3.38				
Comment Code					
Inspector Comment					
Site ID: NA0010U22RM3.38					
07/22/2021: No significant changes were observed since the previous inspection.					
08/18/2020: The erosion has slightly worsened and cut into the levee prism. The site is immediately downstream of a tree on the levee toe.					
09/12/2019: The erosion has damaged the entire levee slope. Livestock activity likely has caused the erosion.					

LM Start	3.14	Rating **	U	Issue No.	2 (cont)
LM End	3.15	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_138_2_20220308_00003.jpg



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SP_2022_NA0010_138_2_20220308_00004.jpg



7/22/2021: View of the erosion by the tree.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	3.44	Rating **	U	Issue No.	34
LM End	3.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.251370 °	37.251370 °
				-120.715344 °	-120.715344 °
DWR ID	DWR_NA0010_22A_f_2018_34				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Broken concrete was placed on the waterside slope to prevent erosion from livestock. Concrete with rebar should be removed.					

Photo 1 of 1 : SP_2022_NA0010_138_34_20220308_00024.jpg



Fill and concrete were placed to repair erosion on the waterside slope.
Concrete with rebar should be removed. (Spring 2020)

LM Start	3.47	Rating **	U	Issue No.	35
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.251621 °	37.251621 °
				-120.715649 °	-120.715649 °
DWR ID	DWR_NA0010_22A_f_2018_35				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope erosion is from livestock activity. Slope stabilized with broken concrete. Concrete with rebar in it should be removed.					

Photo 1 of 1 : SP_2022_NA0010_138_35_20220308_00025.jpg



Fill and concrete placed on the waterside slope. Rebar should be removed for safety. (Fall 2021)

LM Start	3.64	Rating **	A/W	Issue No.	9
LM End	3.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.253362 °	37.253862 °
				-120.717873 °	-120.718507 °
DWR ID	DWR_NA0010_22A_f_2016_9				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Broken concrete has been placed to limit further erosion caused by livestock. Monitor.					

Photo 1 of 1 : SP_2022_NA0010_138_9_20220308_00013.jpg



View of waterside slope looking upstream. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Lower San Joaquin Levee District

No Photos

Photo 1 of 1 : SP_2022_NA0010_138_14_20220308_00016.jpg

Damage to the waterside slope. (Spring 2021)

Photo 1 of 1 : SP_2022_NA0010_138_15_20220308_00017.jpg

View of erosion in the landside slope and shoulder from livestock traffic.
(Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	4.26	Rating **	U	Issue No.	10
LM End	4.30	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.260111 °	37.260111 °
				-120.725900 °	-120.725900 °
DWR ID	NA0010U22RM2.25				
Comment Code					
Inspector Comment					
Site ID: NA0010U22RM2.25					
07/22/2021: From 2020 to present, no significant changes were observed during the annual survey.					
09/12/2019: Erosion has developed into the lower levee slope. Loose material was observed at the site.					

LM Start	4.26	Rating **	U	Issue No.	10 (cont)
LM End	4.30	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2022_NA0010_138_10_20220308_00014.jpg



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SP_2022_NA0010_138_10_20220308_00015.jpg



7/22/2021: Close-up view of the erosion looking upstream.

LM Start	4.30	Rating **	U	Issue No.	37
LM End	5.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.260111 °	37.268135 °
				-120.725900 °	-120.737130 °
DWR ID	DWR_NA0010_22A_f_2018_37				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion is cutting into the waterside slope. Some sections have been stabilized with cobble stone and broken concrete.					

Photo 1 of 1 : SP_2022_NA0010_138_37_20220308_00026.jpg



View of waterside slope damage looking upstream. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	4.42	Rating **	M	Issue No.	21
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261573 °	37.261573 °
				-120.727622 °	-120.727622 °
DWR ID	DWR_NA0010_22A_f_2021_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
District has placed a bait station at the location.					

Photo 1 of 1 : SP_2022_NA0010_138_21_20220308_00019.jpg



View of displaced earth and rodent holes in the landside slope. (Fall 2021)

LM Start	4.87	Rating **	A/W	Issue No.	8
LM End	4.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.265813 °	37.265813 °
				-120.733748 °	-120.733748 °
DWR ID	DWR_NA0010_22A_f_2016_8				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Levee damage caused by animal traffic. Several sites repaired with broken concrete.					

Photo 1 of 1 : SP_2022_NA0010_138_8_20220308_00012.jpg



Slope damage repaired with concrete rubble on the waterside slope and shoulder. (Spring 2021)

LM Start	5.12	Rating **	M	Issue No.	6
LM End	5.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.268236 °	37.272262 °
				-120.737210 °	-120.741778 °
DWR ID	DWR_NA0010_22A_s_2022_6				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage is caused by livestock on waterside toe.					

Photo 1 of 1 : SP_2022_NA0010_138_6_20220308_00009.jpg



Looking southeast at livestock erosion on waterward toe. (Fall 2020)

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/18/2022 04/18/2022	Corey Fujitani

LM Start	5.50	Rating **	M	Issue No.	20
LM End	5.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272345 °	37.272345 °
				-120.741883 °	-120.741883 °
DWR ID	DWR_NA0010_22A_f_2021_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_138_20_20220308_00018.jpg



View of rodent holes in the landside slope looking upstream. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	0.21	Rating **	M	Issue No.	4	
LM End	0.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.772713 °	36.772713 °	
				-120.280670 °	-120.280670 °	
DWR ID	19945					
Comment Code						
Inspector Comment						
FS_ID:68586						
DS_ID:19945						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 07/19/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/03/2014 Excessive vegetation at inlet--recommend clearing. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. (Plans to construct a new discharge structure and to rehabilitate one existing diversion structure to return intercepted seepage to the San Joaquin River authorized under Permit No. 13085, 1981 - Diener, Dry River Farms). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.21), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.21), listed as a 2.5-foot by 2.5-foot RCBC]						
FS Date: 7/19/2021						

Photo 1 of 3 : UCIP_SP_2022_68586_102573.jpg



Levee crown.

LM Start	0.21	Rating **	M	Issue No.	4 (cont)
LM End	0.21	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_68586_102577.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	1.09	Rating **	A/W	Issue No.	26
LM End	1.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.772743 °	36.772743 °
				-120.266800 °	-120.266800 °
DWR ID	DWR_NA0010_23_f _ 2017_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_26_20220308_00006.jpg



Looking at the landside slope.

LM Start	1.21	Rating **	M	Issue No.	6
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.772973 °	36.772973 °
				-120.264768 °	-120.264768 °
DWR ID	DWR_NA0010_23_s_2013_6				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry bush on landside toe.					

No Photos

LM Start	1.90	Rating **	U	Issue No.	28
LM End	1.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.772731 °	36.772731 °
				-120.253590 °	-120.253590 °
DWR ID	DWR_NA0010_23_s_2021_28				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_28_20220308_00007.jpg



View of damage to the waterside slope and shoulder. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	1.91	Rating **	M	Issue No.	1
LM End	1.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.772943 °	36.772943 °
				-120.253511 °	-120.253511 °
DWR ID	DWR_NA0010_23_s_2015_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a downed tree on the waterside slope.					

Photo 1 of 1 : SP_2022_NA0010_139_1_20220308_00001.jpg



View of fallen tree on the waterside slope. (Fall 2019)

LM Start	2.36	Rating **	M	Issue No.	47
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.775128 °	36.775128 °
				-120.247661 °	-120.247661 °
DWR ID	DWR_NA0010_23_s_2020_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.41	Rating **	M	Issue No.	37
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.774528 °	36.774528 °
				-120.247068 °	-120.247068 °
DWR ID	DWR_NA0010_23_s_2018_37				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	2.75	Rating **	M	Issue No.	41
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.771581 °	36.773299 °	
			-120.242692 °	-120.235125 °	
DWR ID	DWR_NA0010_23_s_2022_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.85	Rating **	U	Issue No.	15
LM End	2.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.771537 °	36.771537 °	
			-120.240917 °	-120.240917 °	
DWR ID	DWR_NA0010_23_s_2012_15				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry bush on landside toe. Growth encroaching over levee crown.					

No Photos

LM Start	3.30	Rating **	U	Issue No.	3
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.774403 °	36.774403 °	
			-120.234705 °	-120.234705 °	
DWR ID	DWR_NA0010_23_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on landside toe. Growth is encroaching on the landside slope.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	3.41	Rating **	M	Issue No.	42
LM End	4.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776070 °	36.783869 °
				-120.234633 °	-120.225213 °
DWR ID	DWR_NA0010_23_s_2022_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_42_20220502_00069.jpg



View of vegetation on the landside slope. (Spring 2022)

LM Start	3.42	Rating **	M	Issue No.	43
LM End	9.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776123 °	36.807597 °
				-120.234629 °	-120.168835 °
DWR ID	DWR_NA0010_23_s_2022_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_43_20220502_00070.jpg



Looking upstream along the waterside slope. (Spring 2022)

LM Start	3.45	Rating **	M	Issue No.	9
LM End	3.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776537 °	36.776537 °
				-120.234573 °	-120.234573 °
DWR ID	DWR_NA0010_23_s_2012_9				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on landside toe and berm.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	34
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784217 °	36.784217 °
				-120.228876 °	-120.228876 °
DWR ID	DWR_NA0010_23_s_2018_34				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes around and within the elderberry growth.					

No Photos

LM Start	4.13	Rating **	U	Issue No.	10
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784212 °	36.784212 °
				-120.228815 °	-120.228815 °
DWR ID	DWR_NA0010_23_s_2012_10				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on the landside toe. Growth is encroaching on the landside slope.					

No Photos

LM Start	4.45	Rating **	U	Issue No.	11
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784523 °	36.784523 °
				-120.223292 °	-120.223292 °
DWR ID	DWR_NA0010_23_s_2012_11				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on the landside toe and berm.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	4.61	Rating **	M	Issue No.	44
LM End	9.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.786253 °	36.807597 °	
			-120.221629 °	-120.168835 °	
DWR ID	DWR_NA0010_23_s_2022_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.68	Rating **	M	Issue No.	5
LM End	5.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.791981 °	36.791981 °	
			-120.206274 °	-120.206274 °	
DWR ID	DWR_NA0010_23_s_2012_5				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several large rodent holes in this area.					

Photo 1 of 1 : SP_2022_NA0010_139_5_20220308_00002.jpg



Looking at several rodent holes on landside slope.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	5.68	Rating **	M	Issue No.	18	
LM End	5.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °	
				-120.206226 °	-120.206226 °	
DWR ID	19954					
Comment Code						
Inspector Comment						
FS_ID:68602 DS_ID:19954 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS has sediment buildup in pipe inlet and buildup of tumbleweeds around pipe inlet, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch by 36-inch square reinforced concrete box gravity drainage culvert through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. 5-foot-long cobble revetted outlet channel. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.71), listed as a 36-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.71), listed as a 3-foot by 3-foot RCBC]]. FS Date: 7/19/2021						

LM Start	5.68	Rating **	M	Issue No.	18 (cont)
LM End	5.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68602_102646.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_68602_102650.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	5.68	Rating **	M	Issue No.	18 (cont)
LM End	5.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °
				-120.206226 °	-120.206226 °
DWR ID	19954				

Photo 3 of 3 : UCIP_SP_2022_68602_102651.jpg



LS view: Headwall and slope from toe.

LM Start	6.85	Rating **	M	Issue No.	24
LM End	6.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.780282 °	36.780282 °
				-120.195583 °	-120.195583 °
DWR ID	DWR_NA0010_23_f_2020_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_24_20220308_00004.jpg



Several rodent holes noted at this location. (Fall 2020)

LM Start	7.52	Rating **	M	Issue No.	46
LM End	7.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.781983 °	36.784231 °
				-120.186095 °	-120.184096 °
DWR ID	DWR_NA0010_23_f_2021_46				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several burrows in the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_139_46_20220308_00012.jpg



View of several rodent burrows in the landside slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.32	Rating **	M	Issue No.	31
LM End	8.32	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.792436 °	36.792436 °
				-120.181289 °	-120.181289 °
DWR ID	DWR_NA0010_23_s_2021_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_31_20220308_00009.jpg



View of rodent burrow in the levee crown. (Spring 2021)

LM Start	8.32	Rating **	M	Issue No.	22
LM End	8.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.792476 °	36.792476 °
				-120.181255 °	-120.181255 °
DWR ID	19940				
Comment Code					
Inspector Comment					
FS_ID:68605 DS_ID:19940 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS pipe inlet almost completely covered by sediment, recommend clearing out. Some minor erosion along one side of the WS headwall as well as some burrow complexes on the slope adjacent to same headwall side. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/03/2014 Some sediment buildup at inlet at LS toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.33), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.33), listed as a 2.5-foot by 2.5-foot RCBC] FS Date: 7/19/2021					

Photo 1 of 3 : UCIP_SP_2022_68605_102669.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.32	Rating **	M	Issue No.	22 (cont)
LM End	8.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.792476 °	36.792476 °
				-120.181255 °	-120.181255 °
DWR ID	19940				

Photo 2 of 3 : UCIP_SP_2022_68605_102670.jpg



LS view: Toe from crown.

LM Start	8.32	Rating **	M	Issue No.	22 (cont)
LM End	8.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68605_102671.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	8.52	Rating **	M	Issue No.	27
LM End	8.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.794108 °	36.794108 °
				-120.178171 °	-120.178171 °
DWR ID	19941				
Comment Code					
Inspector Comment					
FS_ID:68606 DS_ID:19941 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS pipe inlet has sediment buildup inside, recommend removal. Extensive burrows above the LS headwall slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.53), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.54), listed as a 2.5-foot by 2.5-foot RCBC] FS Date: 7/19/2021					

LM Start	8.52	Rating **	M	Issue No.	27 (cont)
LM End	8.52	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68606_102676.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_68606_102680.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/19/2022 04/19/2022	Corey Fujitani

LM Start	9.19	Rating **	A/W	Issue No.	32
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.802456 °	36.803233 °
				-120.173675 °	-120.173162 °
DWR ID	DWR_NA0010_23_f_2017_32				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.74	Rating **	M	Issue No.	65
LM End	9.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.807603 °	36.807603 °
				-120.168825 °	-120.168825 °
DWR ID	DWR_NA0010_23_s_2019_65				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_139_65_20220308_00015.jpg



Depressions forming in the levee crown. (Spring 2020)

LM Start	9.76	Rating **	M	Issue No.	58
LM End	9.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.807810 °	36.808553 °
				-120.168829 °	-120.168827 °
DWR ID	DWR_NA0010_23_f_2018_58				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Woody vegetation is partially blocking crown and landside slope.					

Photo 1 of 1 : SP_2022_NA0010_139_58_20220308_00014.jpg



Woody vegetation on landside toe obstructing landside of crown. (Spring 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	0.80	Rating **	M	Issue No.	6
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.766553 °	36.766962 °
				-120.278947 °	-120.278602 °
DWR ID	DWR_NA0010_24_s_2013_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes identified within this section.					

Photo 1 of 1 : SP_2022_NA0010_140_6_20220308_00001.jpg



Rodent burrows in the landside slope. (Spring 2020)

LM Start	1.75	Rating **	M	Issue No.	23
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.771119 °	36.771119 °
				-120.266173 °	-120.266173 °
DWR ID	DWR_NA0010_24_s_2018_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	M	Issue No.	29
LM End	2.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770007 °	36.770007 °
				-120.254027 °	-120.254027 °
DWR ID	DWR_NA0010_24_f_2019_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	39
LM End	2.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.772289 °	36.772289 °
				-120.249693 °	-120.249693 °
DWR ID	DWR_NA0010_24_f _ 2021_39				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_39_20220308_00015.jpg



Damage to the landside slope from vehicle traffic. (Fall 2021)

LM Start	3.05	Rating **	U	Issue No.	51
LM End	3.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770146 °	36.769796 °
				-120.245703 °	-120.243035 °
DWR ID	DWR_NA0010_24_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_51_20220308_00017.jpg



View of rodent holes in landside slope. (Spring 2019)

LM Start	3.05	Rating **	M	Issue No.	31
LM End	3.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770132 °	36.770132 °
				-120.245597 °	-120.245597 °
DWR ID	DWR_NA0010_24_f_2018_31				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes in the waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	3.46	Rating **	M	Issue No.	7
LM End	3.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.769345 °	36.769345 °
				-120.238370 °	-120.238370 °
DWR ID	DWR_NA0010_24_s_2012_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes on the landside slope.					

Photo 1 of 1 : SP_2022_NA0010_140_7_20220308_00002.jpg



Looking east at one of several rodent holes on landward slope.

LM Start	3.53	Rating **	M	Issue No.	28
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.768886 °	36.768531 °
				-120.237154 °	-120.236226 °
DWR ID	DWR_NA0010_24_f_2019_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_28_20220308_00011.jpg



View of rodent burrows in the landside slope. (Fall 2019)

LM Start	3.66	Rating **	M	Issue No.	35
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.768099 °	36.781586 °
				-120.235049 °	-120.226645 °
DWR ID	DWR_NA0010_24_s_2022_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	3.67	Rating **	M	Issue No.	34
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.768043 °	36.781651 °
				-120.234902 °	-120.226168 °
DWR ID	DWR_NA0010_24_s_2022_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_34_20220503_00055.jpg



View of vegetation on the landside slope. (Spring 2022)

LM Start	5.66	Rating **	M	Issue No.	33
LM End	5.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784164 °	36.787148 °
				-120.218899 °	-120.216909 °
DWR ID	DWR_NA0010_24_s_2022_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.66	Rating **	M	Issue No.	20
LM End	5.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784215 °	36.784215 °
				-120.218882 °	-120.218882 °
DWR ID	DWR_NA0010_24_f_2020_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_20_20220308_00008.jpg



Rodent holes at the landside toe. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	6.25	Rating **	M	Issue No.	32
LM End	6.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.788099 °	36.785472 °
				-120.211070 °	-120.204301 °
DWR ID	DWR_NA0010_24_s_2022_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_32_20220503_00056.jpg



Looking downstream along the waterside slope. (Spring 2022)

LM Start	6.73	Rating **	M	Issue No.	30
LM End	6.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.786597 °	36.785411 °
				-120.204705 °	-120.204278 °
DWR ID	DWR_NA0010_24_s_2022_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_30_20220503_00057.jpg



Looking downstream along the landside slope at annual vegetation. (Spring 2022)

LM Start	6.86	Rating **	M	Issue No.	14
LM End	6.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784716 °	36.784716 °
				-120.204043 °	-120.204043 °
DWR ID	DWR_NA0010_24_f_2020_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_14_20220308_00005.jpg



Rodent burrow on the landside slope. (Fall 2020)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	7.33	Rating **	M	Issue No.	21
LM End	7.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.779416 °	36.779416 °
				-120.199091 °	-120.199091 °
DWR ID	DWR_NA0010_24_s_2021_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_21_20220308_00009.jpg



Tree limb fallen on the waterside slope. (Spring 2021)

LM Start	7.35	Rating **	U	Issue No.	10
LM End	7.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.779209 °	36.775239 °
				-120.198886 °	-120.191872 °
DWR ID	DWR_NA0010_24_f_2020_10				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_10_20220308_00003.jpg



View of the waterside slope looking downstream. (Fall 2020)

LM Start	7.83	Rating **	A/W	Issue No.	11
LM End	7.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.775271 °	36.775271 °
				-120.192400 °	-120.192400 °
DWR ID	DWR_NA0010_24_f_2019_11				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_140_11_20220308_00004.jpg



Looking East down the waterside slope. (Fall 2019)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	8.33	Rating **	M	Issue No.	27	
LM End	8.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.778084 °	36.778084 °	
				-120.184454 °	-120.184454 °	
DWR ID	19960					
Comment Code						
Inspector Comment						
FS_ID:68925 DS_ID:19960 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/20/2021 The record remains Non-Urgent. WS outlet filled with sediment, recommend cleaning out. LS pipe inlet not found, likely buried under dirt, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Levee prism appears to be less than 3 feet in height. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/08/2014 Barbed wire along levee shoulder--no access. Need to confirm crossing size and condition of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.33), listed as a 12-inch concrete pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.32), listed as a 12-inch concrete pipe] FS Date: 7/20/2021						

LM Start	8.33	Rating **	M	Issue No.	27 (cont)
LM End	8.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68925_102859.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2022_68925_102863.jpg



LS view: Toe from crown, no pipe visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	04/20/2022 04/20/2022	Corey Fujitani

LM Start	8.33	Rating **	M	Issue No.	27 (cont)
LM End	8.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.778084 °	36.778084 °
				-120.184454 °	-120.184454 °
DWR ID	19960				

Photo 3 of 3 : UCIP_SP_2022_68925_102864.jpg



LS view: Slope from toe, no pipe visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.02	Rating **	M	Issue No.	1	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.296038 °	37.296038 °	
				-120.880742 °	-120.880742 °	
DWR ID	19965					
Comment Code						
Inspector Comment						
FS_ID:68238 DS_ID:19965 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Landside (LS) pipe inlet has some vegetation and sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.01), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.02), listed as a 24-inch CMP] FS Date: 6/8/2021						

LM Start	0.02	Rating **	M	Issue No.	1 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68238_100680.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_68238_100681.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.02	Rating **	M	Issue No.	1 (cont)
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.296038 °	37.296038 °	
			-120.880742 °	-120.880742 °	
DWR ID	19965				

Photo 3 of 3 : UCIP_SP_2022_68238_100682.jpg



LS view: Slope and headwall from toe.

LM Start	0.36	Rating **	M	Issue No.	2
LM End	0.36	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.291173 °	37.291173 °	
			-120.880731 °	-120.880731 °	
DWR ID	19966				

Comment Code

Inspector Comment

FS_ID:68240
DS_ID:19966
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet and headwall, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.36), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.35), listed as a 24-inch CMP].
FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_68240_100698.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.36	Rating **	M	Issue No.	2 (cont)
LM End	0.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291173 °	37.291173 °
				-120.880731 °	-120.880731 °
DWR ID	19966				

Photo 2 of 3 : UCIP_SP_2022_68240_100699.jpg



LS view: Toe from crown.

LM Start	0.36	Rating **	M	Issue No.	2 (cont)
LM End	0.36	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_68240_100700.jpg



LS view: Slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.59	Rating **	M	Issue No.	3
LM End	0.59	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287744 °	37.287744 °
				-120.880645 °	-120.880645 °
DWR ID	19967				
Comment Code					
Inspector Comment					
FS_ID:67743 DS_ID:19967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation, recommend removal around pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.58), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.59), listed as a 24-inch CMP]. FS Date: 6/8/2021					

LM Start	0.59	Rating **	M	Issue No.	3 (cont)
LM End	0.59	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_67743_100705.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_67743_100710.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.59	Rating **	M	Issue No.	3 (cont)	
LM End	0.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.287744 °	37.287744 °	
				-120.880645 °	-120.880645 °	
DWR ID	19967					

Photo 3 of 3 : UCIP_SP_2022_67743_100703.jpg



LS view: Slope from toe.

LM Start	0.97	Rating **	M	Issue No.	4
LM End	0.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °
				-120.880738 °	-120.880738 °
DWR ID	19968				

Comment Code

Inspector Comment

FS_ID:67745
DS_ID:19968
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet, recommend removal. Lots of small burrow holes all along the crown and along the sides, recommend filling in. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014
Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.97), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.97), listed as a 24-inch CMP]
FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2022_67745_100717.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	0.97	Rating **	M	Issue No.	4 (cont)	
LM End	0.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °	
				-120.880738 °	-120.880738 °	
DWR ID	19968					

Photo 2 of 3 : UCIP_SP_2022_67745_100718.jpg



Crown: Small burrow holes along the crown, 1 of 2 photos.

LM Start	0.97	Rating **	M	Issue No.	4 (cont)
LM End	0.97	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67745_100716.jpg



Crown: Small burrow holes on the top of the levee, 2 of 2 photos.

LM Start	1.02	Rating **	M	Issue No.	8
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.281710 °	37.281710 °
				-120.880523 °	-120.880523 °
DWR ID	DWR_NA0010_25_s_2022_8				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2022_NA0010_141_8_20220411_00019.jpg



View of rutting from vehicle traffic on the levee crown. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	1.86	Rating **	A/W	Issue No.	14
LM End	1.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.280055 °	37.280055 °
				-120.867177 °	-120.867177 °
DWR ID	DWR_NA0010_25_f _ 2019_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.05	Rating **	M	Issue No.	5	
LM End	2.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.277390 °	37.277390 °	
				-120.867184 °	-120.867184 °	
DWR ID	19969					
Comment Code						
Inspector Comment						
FS_ID:67747 DS_ID:19969 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Levee prism appears to be around or slightly less than 3 feet. Dense vegetation on LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.05), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.05), listed as a 24-inch CMP] FS Date: 6/8/2021						

Photo 1 of 3 : UCIP_SP_2022_67747_100729.jpg



Levee crown looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	5 (cont)
LM End	2.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.277390 °	37.277390 °
				-120.867184 °	-120.867184 °
DWR ID	19969				

Photo 2 of 3 : UCIP_SP_2022_67747_100730.jpg



LS view: Toe from crown.

LM Start	2.05	Rating **	M	Issue No.	5 (cont)
LM End	2.05	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_67747_100731.jpg



LS view: Headwall barely visible from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	2.45	Rating **	U	Issue No.	6	
LM End	2.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °	
				-120.866819 °	-120.866819 °	
DWR ID	19970					
Comment Code						
Inspector Comment						
FS_ID:68241 DS_ID:19970 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/8/2021 Record has been upgraded from Non-Urgent to Urgent. External inspection in the field has found pipe integrity issues. WS pipe end is rusted with multiple large deteriorated holes under and around the flapgate. Rusting and peeling of metal and liner inside the LS pipe inlet. Also sediment buildup inside LS inlet, recommend cleaning out and recommend monitoring crossing until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.45), listed as a 24-inch CMP] FS Date: 6/8/2021						

LM Start	2.45	Rating **	U	Issue No.	6 (cont)
LM End	2.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_68241_100735.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2022_68241_100736.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2022

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/04/2022 04/04/2022	Corey Fujitani

LM Start	2.45	Rating **	U	Issue No.	6 (cont)
LM End	2.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °
				-120.866819 °	-120.866819 °
DWR ID	19970				

Photo 3 of 3 : UCIP_SP_2022_68241_100737.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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